



FONtevo[®]
Ferrari
Gigaset

Gigaset PRO



The basis of our strength ...

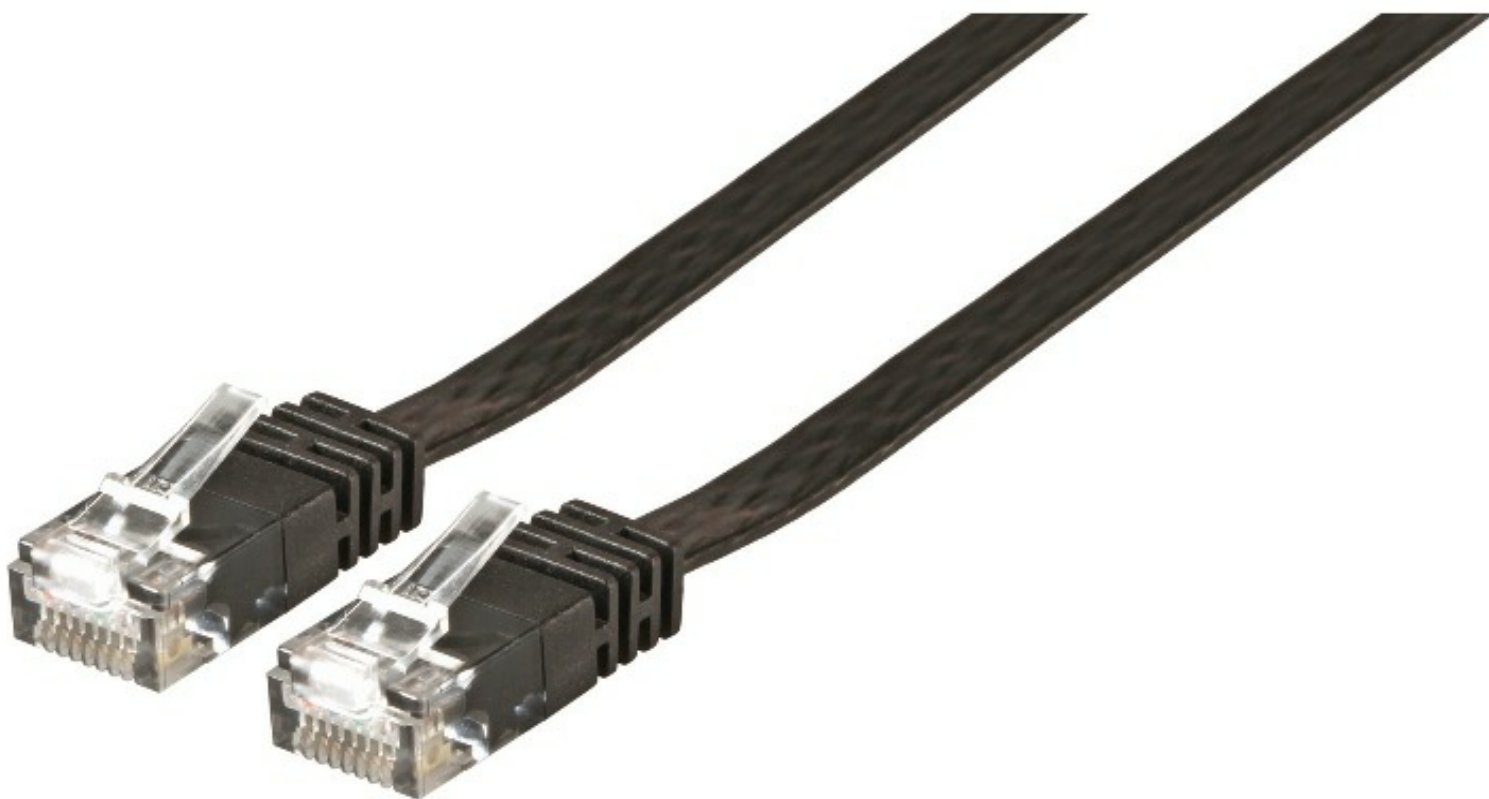
- cost control;
- We pay the suppliers 1 minute before delivery or 1 minute after receipt of the invoice;
- procurement for a few corporate companies;
- trust;
- central Europe;
- multilingualism, Dutch, French, German, English, Polish;
- friendly when possible, strict when necessary;
- product knowledge;
- senior expertise;
- being awake during East and West hours;
- strict selection on products, manufacturers, distributors and dealers;
- respect for the dealer's margin;
- never skip the dealer in favor of direct sales;
- direct drop on demand;
- good relationship with existing dealers;
- cross-fertilization in our dealer network;
- only one pricelist, the same for everyone;
- affordable training courses;
- 2% payment discount 8 days.

High flexible cable to connect IP Desktop telephones to the LAN network "at the highest speed" (1000Gb) as well as feedthrough to the next terminal, usually the PC.

High flexible CAT 6A (1000Gb) LAN cable.

The "must have" to connect each IP desktop telephone. As specialist you NEVER use rigid UTP cables for the frequently moving desktop telephones.

Available in black 3 meters and 5 meters.



Order Info:

RJ45>RJ45 Cat 6	3	Mtr High Flex	AUE-274
RJ45>RJ45 Cat 6	5	Mtr High Flex	AUE-275



Call Recording

Product Description

EyeSDN SIP is a software solution to record VoiceoverIP telephony calls.

The software allows to operate devices for traditional phone lines (ISDN BRI, ISDN PRI, analogue lines) simultaneously with the VoIP recorder using the same data base and client software.

The product does not include any hardware for capturing ethernet frames but can be configured to support various capturing schemes.

The solution offers state of the art call management and real time monitoring functions (line status display, discrete listening, manual recording control) in the same way as the EyeSDN USB products for traditional phone lines.

Please see the software data sheet for details. A number of codecs (G.711, GSM, MP3, G.729a) are available for interoperability on a wide range of SIP trunks.

Fax recovery works for both T.30 over G.711 passthrough mode and T.38.



Legal

The legal requirements for call recording are different in each country. Please seek legal advice to implement call recording in a lawful way.

Use Cases

- Call Recording is important for a number of industries and service providers.
- Financial institutions need to provide prove for any orders placed or any contracts closed during a phone call.
- Professionals providing consulting services in legal matters or health care may be liable for miscounselling and a recording of the phone call could help to document the conversation.
- Call centres may need to demonstrate to their clients that the quality of their customer communication is indeed high.
- Operators of emergency phone numbers (police, fire brigade, ambulance) are legally required to record any emergency calls.
- Taxi operators or pizza delivery services may find it useful to document their calls for later reference.
- Phone system maintenance and installation personnel can use the device to find any faults quickly.



Transport	UDP/IP
Signalling	SIP/SDP
Number of channels	max. 128
Audio codecs	G.711, GSM, MP3, G.726, G.729a

Video codecs	TBD
DTMF methods	inband, RTP telephony events, SIP info application/dtmf, SIP info application/dtmfrelay

Fax modes	T.30 via G.711 passthrough, T.38
-----------	-------------------------------------

Encryption	not supported
------------	---------------

Computer Requirements

Operating System	Windows® 2000, Windows® XP, Windows Server® 2003, Windows Vista®, Windows Server® 2008, Windows 7®, Windows Server® 2008 R2, Windows 8 (32 and 64 bit) Windows 8.1 (32 and 64 bit) W10
------------------	---

Disk Space (Software)	30 MB (excluding .Net runtime)
-----------------------	--------------------------------

Disk Space (Call recordings)	60 ... 960 KB/minute per channel and call
------------------------------	---

Licenses

- Start Licenses 5 channels
- Add On License +5 channels
- Demo License for free

Call Recording

- From shared media (hub / WLAN)



- On VoIP system host



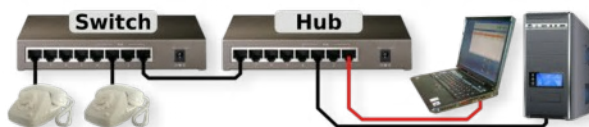
- From monitoring port of ethernet switch



- Machine in the middle



- Hubbing out



- Passive ethernet tap



- Trace port of VoIP system





- Send 672 SMS messages to 160 targets.
- Control 2 relays with 32 authorized GSMs each.
- This unit allows to send SMS's depending (21) input states and is working via the GSM-net.
- It is also possible to control (2) outputs by Clip or SMS's.
- To replace the unit it is not necessary to unscrew the terminals because they are also plugged.
- The SMS Control is equipped with 21 optical isolated inputs and 2 additional outputs.
- The outputs are relays which can drive a current up to 250Vac max. 6A continuously as open/close contact.
- The unit is connected to the GSM-Module with a subD9 Null-Modem-Cable.
- A common list contains up to 160 SMS target numbers. For each input and output there are up to 32 (targets or authorized) numbers selectable.
- For each input there are 2 outgoing SMS texts possible, one for active (logic 1) the other for deactive (logic 0). There is also a special SMS text as acknowledge receipt.
- The maximum text length is 50 characters / sms.
- To control the output (on/off relay) there are several possibilities:
 - Open, close, toggle (open and closes alternatingly);
 - Impulse (close for the specific duration time);
 - Clip (close or open as configured).
- Depending on the configuration, the SMS's will be sent if an input becomes a trigger.
- The output state could only be changed by authorized numbers with a SMS or by Clip.

SMS Control (master)

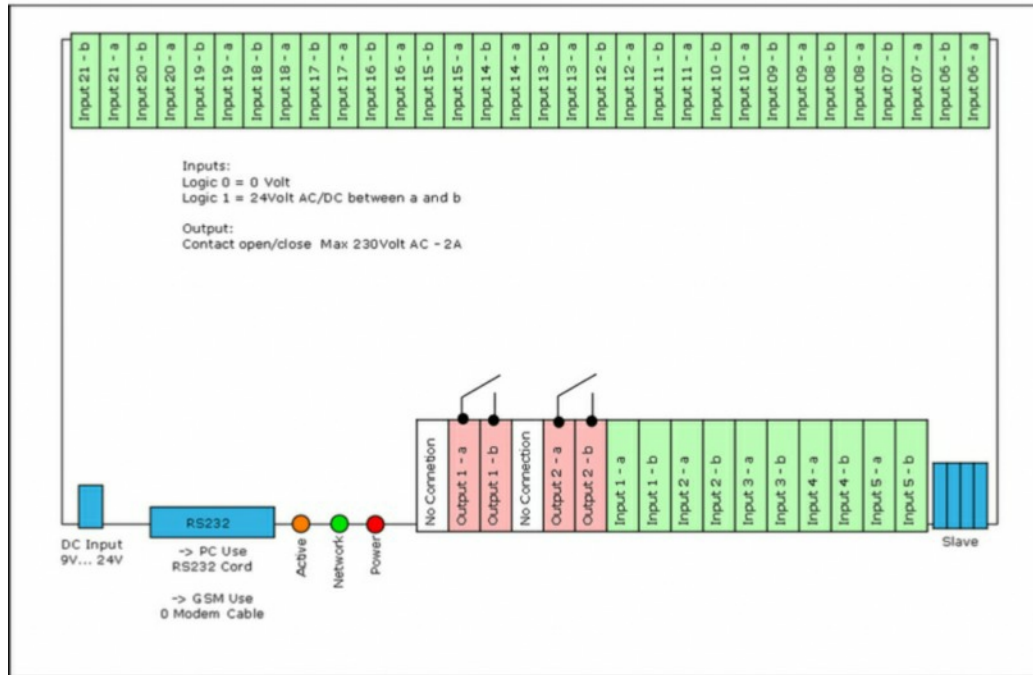
- GSM Modem
- Antenna
- Null Modem cable
- Power supply SMS Control
- Power supply Modem
- Download Software (Windows)
- User Manual EN +DE
- Lifetime updates

Optional

- UPS
- RS232 Cable
- 21 Inputs: each triggered "non-active" by 0V or "active" by 9...24V AC/DC also useful as virtual inputs.
- User choice Y/N sequential mode. (=outgoing SMS(s) after trigger).
- Inputs could be active or non-active triggered with an incoming SMS. (virtual trigger)
- With a acknowledge SMS there is a possibility to stop the sequential output mode.
- 2 Outputs open/close max. 250Vac max. 6A.
- Total 160 targets numbers.
- Pro input there is: 1 SMS text for "active", 1 SMS text for "non-active".
- Adjustable sequence frequency.
- Max. 32 Targets pro Input/Output.
- Max. 50 Characters pro SMS.
- Output open/close or toggle via incoming SMS or via Clip.
- Max. 32 authorized numbers for output control.
- Plugged terminals with screw.
- Specific network select useful in border areas.
- Software upgrade and general improvements lifelong for free.
- Windows configuration software.
- RS232 connection for Modem and for PC.
- Works - after configuration - independently from PC
- Easy to configure and to install
- Emergency Power (UPS) in option



Type on demand



Technical Data

Power supply: 9V 24V DC
BxHxD: 270x210x40 - Keep in practice 50mm extra upside + downside for wiring and connections

Environment

Temperature range: 0°C ... +50°C
Storing temperature: -20°C ... +80°C
Humidity: 20 % - 80 % not condensated

Terminals

Number Inputs: 21
Input voltage: 0 Volt = logic 0 = Deactive 9V...24V AC/DC = logic 1 = Active
Input Impedance: 24V DC 3.7Kohm +/- 10% 9V DC 5.3Kohm +/- 10%

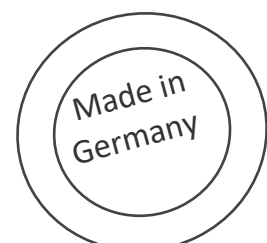
Number Outputs: 2 Open/Close contact
Output current: 6A at 250V AC continously

Virtual

Virtual Trigger Input: 21 trigered via SMS
Acknowledge Inputs: 21 trigered via SMS

GSM Modem

GSM-network: Depends SIM
Model: Mobile Rs232 Data Modem



TFS-Dialog 400

Elegant door terminal system with glass panel – connects to almost any telephone system.

- Operation on analogue subscriber ports of a PBX system made by Auerswald or other vendors
- 1 – 4 doorbell buttons (free configurable)
- Code lock function
- Programming of numbers and functions via app (Android und iOS)
- Name plate illumination without additional power supply
- Indirect lighting (doorbell transformer required)
- Intelligent door open detection
- Two levels of sensitivity for noisy and quiet environments
- Switching contacts for door opener, doorbell and light (doorbell transformer required)
- Additional switching possibilities with optional a/b switching modules
- Compact construction with only 28 mm height



The TFS-Dialog 400 door terminal system with its elegant glass panel and indirect lighting isn't just attractive – it also sets new standards in functionality. The number of doorbell buttons can be set from 1 to 4 and the TFS-Dialog 400 even offers a convenient code lock function. Best of all, the system is easy to configure using an app from an Android or iOS device. The TFS-Dialog 400 is connected directly to an analogue subscriber port on your telephone system by means of a 2-core cable and behaves like a telephone: when the doorbell button is pressed, an internal or external phone number is dialed.

[for detailed information see next page]

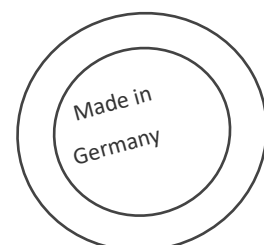
Indoor use!

Optional:

a/b switching module

Until 6 modules (=contacts) on 1 a/b line

Auto switch on or with dtmf ##1, ##2,...



Functions

- Operation on analogue subscriber ports of a PBX system made by Auerswald or other vendors
- High quality housing with noble glass panel
- 1 – 4 doorbell buttons (free configurable), optional useable as light key
- Code lock function
- Name plate illumination with maintenance-free LED technology, without additional power supply
- Indirect lighting (doorbell transformer required)
- Programming of the door terminal via app (iOS and Android)
- Two levels of sensitivity for noisy and quiet environments
- Switching contacts for door opener, doorbell and light (doorbell transformer required)
- Intelligent door open detection with call break
- Additional switching possibilities with optional a/b switching modules
- Excellent speech audibility frequency-optimised amplifier electronics
- Compact construction with only 28 mm height
- Maintenance-free sensor keys
- Front screen made of 6 mm thickness shatterproof glass

Technical Data

- Operating port: Analogue subscriber port of a PBX
- Dial mode: Tone dialling
- Operating voltage: 16–60 V DC (lighting powered via doorbell transformer) or 19–60 V DC (lighting powered via analogue port)
- Operating voltage from doorbell transformer (optional): 8–12 V AC, 40 mA
- Loop current, depending on operation mode: <1 mA / 20–60 mA
- Maximum load door opener: 12 V AC / 40 V DC, 2 A
- Maximum load doorbell and lighting output: 12 V AC / 40 V DC, 1 A
- Loudspeaker: 40 mm x 20 mm (2 pieces)
- Housing: Plastic (subshell) / glass (front panel)
- Temperature range: -20°C – +50°C
- Dimensions (w x h x d): 140 mm x 220 mm x 28 mm
- Weight: approx. 680 g
- Protection class: IP 44
- Security: CE

Scope of supply

- Door terminal TFS-Dialog 400
- Connection and user manual
- Labelling foil
- Socket wrench

Ordering information:

- Product designation: TFS-Dialog 400 black
Part number: 90061 EAN code: 4019377900611
- Product designation: TFS-Dialog 400 white
Part number: 90167 EAN code: 4019377901670
- Product designation: TFS-Dialog 400 anthracite
Part number: 90168 EAN code: 4019377901687



TFS-Dialog 210 series



- Operation on the analogue extension connection of a PBX from the own or other brands
- Programming of phone numbers and basic functions by telephone
- Name plate illumination without additional power supply
- Switch contacts for door opener, doorbells and light (doorbell transformer required)
- Visual status display for barrier-free communication

Features at a glance

TFS-FUNCTIONS

- Operation on analogue subscriber ports of a branded or other PBX system
- Modern slim line housing with exclusive design
- Compact construction with only 16 mm height
- Full-face, white background illumination with maintenance-free LED technology, without additional power supply
- Programming of the numbers and all functions via telephone
- Switching contacts for door opener, doorbells and light (doorbell transformer required)
- Additional switching possibilities with optional a/b Switching Modules (up to 6)
- Excellent speech audibility frequency-optimised amplifier electronics
- Maintenance-free robust full-metal buttons
- Shatter-proof name plate covers made from 4 mm crystalclear plastic
- Optional mounting plate for weather protection and installation upon rough walls available
- Cancelling of call signalling when door opens (with additional hardware)
- Automatic door opener, automatic mode switchable via DTMF commands
- All switching modules can be switched during a call using DTMF commands
- Barrier-free: Doorbell, connection and door opener signalled by coloured LEDs (standard for 211-213, optional for 214)

PRODUCT VARIANTS



COMPATIBLE PRODUCTS

- 90577 / COMpact 3000 ISDN

- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R
- 90670 / COMmander® 6000
- 90671 / COMmander® 6000R
- 90672 / COMmander® 6000RX
- 90022 / COMtrexx® Business
- 90024 / COMtrexx® Flex
- 90638 / a/b Switching Module
- 90077 / SG-100

TECHNICAL SPECIFICATIONS

- Interface, supply connection: analogue subscriber port / extension of the PBX
- Dial mode: tone dialling (DTMF)
- Operating voltage from analogue port: 16 V – 60 V DC
- Operating voltage from doorbell transformer (optional): 8V - 12V AC / 12 - 24V DC
- Loop power, depending on operation mode: <2 mA / 20 mA – 60 mA
- Maximum load door opener: 8-12V AC, 12-24V DC, max 1.8A
- Maximum load doorbell and lighting output: 8-12V AC, 12-24V DC, max 1A.
- Loudspeaker: Ø 50 mm
- Temperature range: -20 °C – +50 °C
- Housing: aluminium, anodised, natural silver
- Dimensions (w x h x d): 104 mm x 153 mm x 16 mm
- Weight: approx. 360 g
- Protection: IP22
- Compliance: CE

DELIVERY

ORDERING INFORMATION

Designation: TFS-Dialog 210 series

TFS-Dialog 21x family

Optimally protected from the weather

Do you want to optimally protect your TFS-Dialog 210100 and TFS-Dialog 200 door intercom systems from all weather conditions? Then the weather protection cover is the perfect solution! Made of high-quality aluminium, the canopy not only offers ideal protection, but also an attractive design.

More than just a protective roof!

Ideally suited as weather protection, the canopy also provides other benefits: Unsightly traces of old installations are optimally concealed. In addition, the canopy is perfect as a mounting plate.



W x H x D

136 - 188 - 39 small

136 - 229 - 47 large

a/b Switching Module

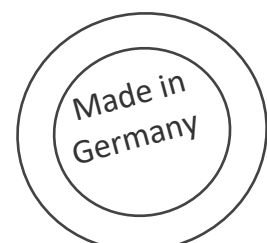
Switching module for door bell, door opener and light system control via 2-wire analogue line, for TFS-Dialog 200/210/300/400, TFS-Universal plus and the audiobox.

Exclusive switching options with the a/b switching module

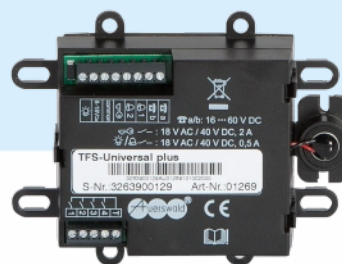
Do you want to operate light, door opener or burglar alarm system at the same time as pressing a (bell) button? Then the a/b switching module is the right choice. Up to six of these switching modules can be used on a TFS-Dialog 200/300/400 or TFS-Universal plus - all that is required is a two-wire cable.

Parallel switching functions thanks to additional switching contacts

The a/b switching module triggers the switching operation when a button is pressed. Each button can control one or more switching modules. The assignment can be freely selected.



TFS-Universal plus



Multi-functional door terminal system for installation in existing door terminal and letter box systems; operates on a ICT system's analogue port



- Universal door phone system for installation in existing door terminal and letter box systems
- Radial lug arrangement - easy screw mounting
- Large adhesive pad – remove the protective film and apply
- Microphone can also be mounted separately from the casing
- Operation on the analogue extension connection of a ICT system from the own or other brands

Your advantages in detail

Perhaps you want to use new technology in your existing system? The TFS-Universal plus is our installation variant for precisely this requirement. The TFS-Universal

plus fits in an existing letter box or in the recess of your existing door terminal system.

This analogue variant of our door phone systems is also connected directly via a two-core cable to an analogue subscriber port of your ICT system.

Optional
a/b switching module
Until 6 contacts on a/b line
Auto switch on or with dtmf
##1,##2,...



TFS-Universal plus

Features at a glance

TFS-FUNCTIONS

- Automatic door opening, e.g. during the surgery time
- Stop ringing after door opening (door contact required)
- Door opening directly with doorbell button
- Room monitoring, with dialling a call number
- Operation as internal intercom terminal (call acceptance and end of call via push button)
- Programming of functions via PC software TFS-Set

COMPATIBLE PRODUCTS

- 90577 / COMpact 3000 ISDN
- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R
- 90670 / COMmander® 6000
- 90671 / COMmander® 6000R
- 90672 / COMmander® 6000RX
- 90638 / a/b Switching Module
- 90077 / SG-100

TECHNICAL SPECIFICATIONS

Connections

- Interface, supply connection: Analogue subscriber port / extension of the ICT system
- Dial mode: tone dialling (DTMF)

Technical data

- Power supply via analogue extension port (PBX): 16 V – 60 V DC
- Power supply via doorbell transformer (optional): 8 V – 18 V AC
- Loop power, depending on operation mode: <1 mA / 20 mA – 60 mA
- Temperature range: -20 °C – +50 °C
- Maximum load door opener: 18 V AC / 40 V DC, 2 A
- Maximum load doorbell and lighting output: 18 V AC / 40 V DC, 0.5 A
- Loudspeaker: Ø 50 mm
- Housing material plastic, black: plastic, black
- Dimensions (w x h x d): 109 mm x 84 mm x 29 mm
- Weight: approx. 80 g
- Protection: IP20
- Compliance: CE

DELIVERY

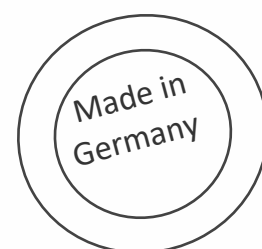
- Door phone TFS-Universal plus
- Connection and user manual

ORDERING INFORMATION

Designation: TFS-Universal plus

Article number: 90667

EAN Code: 4019377906675



Auerswald GmbH & Co. KG
38162 Cremlingen-Schandelah
Infoline: +49(0) 53 06 / 92 00-700

Further information can be found at auerswald.de
01.09.2020 – Reserve technical changes
Copyright© Auerswald GmbH & Co. KG

Auerswald
Clever Communications

a/b-Audiobox



Adapter for connecting a loudspeaker system to an analogue extension connection of an ICT system



- Adapter for announcements over the ICT system
- Ideal for waiting rooms, supermarkets and shopping centres
- Acoustic announcement warnings possible
- Almost any ICT system can easily be connected to loudspeaker systems
- Operation and supply via an analogue extension connection of an ICT system

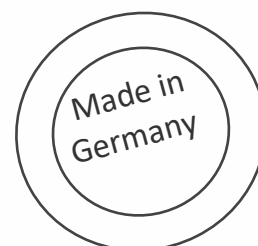
Your advantages in detail

With the a/b Audiobox, loudspeaker systems can quickly and easily be coupled to almost any ICT system. To do this, the box is simply switched between an analogue extension on an ICT system and the amplifier input for a loudspeaker system, for example. If the a/b Audiobox is called via the extension, it automati-

cally accepts the call and connects to the announcement system. The integrated switch relay can be used to select the loudspeaker zone of the loudspeaker system. The announcement can be preceded with an acoustic warning if required.

The a/b Audiobox is suitable for amplifiers and loudspeaker systems with an NF input (300 mV_{eff} / 600 Ω).

Optional
a/b switching module
Until 6 contacts on a/b line
Auto switch on or with dtmf
##1,##2,...



a/b-Audiobox

Features at a glance

COMPATIBLE PRODUCTS

- 90670 / COMmander 6000
- 90671 / COMmander 6000R
- 90672 / COMmander 6000RX
- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R

TECHNICAL SPECIFICATIONS

Connections

- Supply connection : ICT system analogue port
- Type of dialling: DTMF

Technical Data

- Operating voltage via analogue port: 16 V – 60 V DC

- Loop current, depending on operating mode: <1 mA (idle mode) / 20 mA – 60 mA (announcement)
- Power consumption: approx. 60 mW (idle mode)
- Output level: 300 mV_{eff} max., internal resistance 600 Ω
- Contact load capacity of switch relay: 30 V max. / 1 A
- Casing material: plastic, two-part
- Dimensions: ø 95 mm x 33 mm
- Weight: approx. 90 g
- Protection rating: IP20

DELIVERY

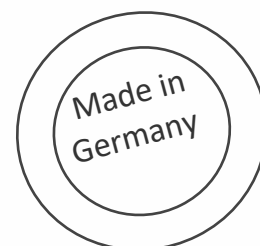
- a/b Audiobox
- Connection cable RJ-11/RJ-11 (ca. 3 m)
- Adapter TAE-F/RJ-11
- Setup- and short manual
- Mounting material (Crews and dowel)

ORDERING INFORMATION

Designation: a/b-Audiobox

Article number: 90698

EAN Code: 4019377906989



Auerswald GmbH & Co. KG
38162 Cremlingen-Schandelah
Infoline: +49(0) 53 06 / 92 00-700

Further information can be found at auerswald.de
19.10.2021 – Reserve technical changes
Copyright Auerswald GmbH & Co. KG

Auerswald®
Clever Communications

COMpact 4000

Semi-modular, wall-mounted compact ICT system (VoIP, ISDN, POTS);
10 channels to service provider and
16 subscribers max., 2 expansion slots



- Suggested for up to 16 VoIP subscribers
- Up to 12 ISDN subscribers
- 8 analogue subscribers
- Up to 12 VoIP channels simultaneously, can be configured for external (internet telephony), internal or flexible use
- System telephony with digital telephones from the COMfortel® series

Your advantages in detail

The COMpact 4000 seamlessly adapts to any operating environment and takes care of full network integration in next to no time at all. Its setup assistant helps you enter all basic settings and get the system ready for operation within minutes.

Based on a basic setup which already meets most of the connection and equipment requirements the system can be expanded with two plug-in modules for universal ISDN and analogue trunk lines. And there is a

host of convenient functions, such as integrated voicemail and fax, CTI and UC capabilities, full VoIP integration and interfaces for house automation systems – everything that makes up modern telecommunications is on board.

If you are looking for a modern, small communication centre for all traditional and IP-based connections, you are perfectly served with the COMpact 4000.



Features at a glance

SYSTEM FUNCTIONS

- System profiles (10 configurations max.) switchable by internal clock or manually by phone (internal and external)
- Bank holiday table for automatic switching of system profiles or wake-up calls
- Trunk line authorisations for reduction of costs and for multi-company operation
- Automatic system-wide exchange line request
- Direct line access
- Call through for ISDN and VoIP trunk lines
- Waiting field for up to 10 simultaneous incoming calls^{1,2}
- Announcement before answering unconditional / on busy, 10 announcements can be stored
- Music on Hold with insertable announcement, loadable WAV file
- ISDN features such as CLIP, CW, AOC, CF, CCBS
- Least Cost Routing Soft-LCR for VoIP, ISDN and POTS
- Emergency calls, 10 numbers with special rights and priority
- Call barring / exception lists, 10 each for incoming and outgoing calls
- Protection against attacks with blocking, black lists, monitoring
- Call data management with max. 18,000 records
- Project assignment of calls
- Group caller lists^{1,2}
- Group functions with intelligent ringing schemes (ACD feature for Call Centres)
- Flexible rework time for Call Centres
- Parallel call, simultaneous calling of a 2nd target and priority
- Busy-on-busy for internal and external calls, dynamical applicable for logged-in Call Agents
- Call brokering, three-party conference internal / via exchange line / via 2nd call channel
- Open query
- Pick-up specific/global
- Pick-up with pre-check¹
- Boss-secretary function^{1,2}
- Call diversion, follow me internal, cascable
- Door terminal to exchange line calls (pharmacy function)
- Voicemail and fax functions
- Call take-over (e.g. from integrated answering machine)

- Speaker announcement (Intercom) to system telephones (single user and groups)
- Software interfaces
- Using CTI basic functions with COMfortel D-series phones (the most important phone functions like initiating a call, accepting a call, ending a call)^{3,4}

SIP CONVENIENCE FEATURES FOR STANDARD SIP PHONES⁵

- SIP-BLF, Busy Lamp Field acc. to RFC 4235
- Pick-up pre-check
- SIP-MWI (Message Waiting Indication), monitoring of the central voicemail and fax boxes acc. to RFC 3842
- SIP text messages acc. to RFC 3428
- Auto provisioning and status LEDs⁶

CENTRAL ADDRESS BOOKS

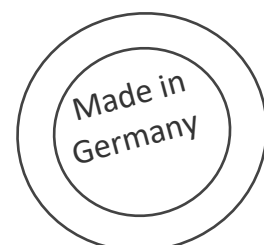
- 2,000 contacts incl. photo, addresses and phone numbers
- Separate address books for departments and multi-company operation
- Comfortable operation via COMfortel system phones
- Security access levels for administrator and user
- Address book provisioning via LDAP
- Usage of Google Contacts
- Import of VCF and CSV files

BUILDING AND HOME AUTOMATION

- Max. 24 actuators, e.g. a/b Switching Modules or via http with IP switching relays
- KNX/EIB integration via IP, e.g. with GIRA HomeServer
- Time or key controlled operation of heating systems, aircondition lighting or blinds^{1,2}
- Full integration of VoIP and analogue door intercom systems
- Support for IP video intercom systems¹

VOIP TELEPHONY

- 4 VoIP channels (external/internal) included, expansion to 12 VoIP channels possible⁵
- Dynamic internal/external VoIP channels
- Fax over IP external (T.38 acc. ITU-T)
- Excellent sound quality due to optimised echo cancellation and wideband audio with G.722⁷
- Remote extensions and mobile VoIP clients integration



COMpact 4000

- MSNs in SIP-Trunk simultaneously
- Call forwarding on busy (CFB), no reply (CFNR), unconditional (CFU) at carrier trunk, configuration dependent
- Encrypted signalling (SIPS) and data transmission (SRTP)
- Transfer of customer-specific calling number information with outgoing calls (CLIP no screening)
- Individual gateways for each provider

VOICEMAIL AND FAX

- 1 voicemail channel and 1 voicemail box included
- Expansion possible to a maximum of 4/0 or 3/1 channels for voicemail/fax with 20 boxes each⁵
- Fax sending via the network (Windows 7/8/10 and macOS)
- Storage of the voice and fax messages on USB memory (not included)
- Recording capacity (per 1 GByte storage): approx. 8.5 hours voice messages incl. announcements or approx. 3,500 fax pages
- Call acceptance and individual announcements depending on calling number, time and call type
- Comfortable operation via corded COMfortel system phones
- Substitute function
- Message and fax forwarding via e-mail
- Remote access of the voicemail boxes incl. voice guidance
- Active and passive fax switch at analogue trunk lines

UCC FUNCTIONS⁵

- Softphone-functions for Windows, Android und iOS
- Call setup and ending via the PC, incl. Outlook plug-in
- Presence management with automatic status detection
- Instant messaging for a better sharing of information
- Contact data for local users and out of external data bases
- Screen sharing for convenient cooperation
- „Federation“ as networking concept between external sites and companies
- Platform independent (Windows, Mac, iOS, Android)

SUPPLEMENTARY SMARTPHONE APPS

- PBX Manager with switching of call forwardings log-in/-out in groups, retrieving of messages
- COMfortel Mobile Business – seamless integration in iOS and Android, signalling of the business number, full flexibility, always reachable⁷

SOFTWARE INTERFACES

- Recalling call data via SFTP

- LAN TAPI (4 clients in scope of delivery)⁵
- Online name search (reverse search), adaptable
- PBX Control API, e.g. retrieve caller lists, call forwarding ON/OFF, configuration switching, sending of fax/voice-mail, switching relays, alarm status (start, acknowledgment, timeout), hotel (room status, call list, wake-up call)

INSTALLATION AND MAINTENANCE

- Administration via web interface, secure access via https
- System access local via Ethernet and remote via Internet
- System software update via local or remote PC upload
- Central configuration of IP telephones (security by using certificates)^{1,8}
- Auto provisioning for telephones of other brands^{6,7}
- Easy configuration with COMfortel IP Editor
- Selectable authorisation levels, password protected
- IPv6 support

UNLOCKABLE OPTIONS⁵

- Expansion from 4 to 8 VoIP channels, thereof up to 4/0 or 3/1 channels for voicemail/fax, incl. 20 voicemail and fax boxes
- Expansion from 8 to 12 VoIP channels
- Auto Attendant
- LAN-TAPI (for all subscribers), 4 included
- PBX Call Assist
- SIP comfort package brand plus included auto provisioning for standard SIP phones⁶

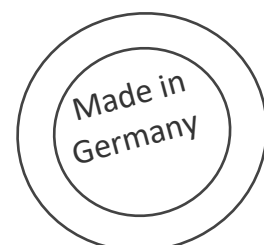
COMPATIBLE PRODUCTS

- 16131 / COMpact 2BRI Module
- 16132 / COMpact 2FXO Module
- 90436 / UP0/S0 Adapter
- 90698 / a/b-Audiobox
- 90638 / a/b Switching Module
- Appstore / PBX Manager
- Appstore / COMfortel® Mobile Business
- 94639 / PBX Call Assist 3 (5 User)
- 94640 / PBX Call Assist 3 (15 User)

TECHNICAL SPECIFICATIONS

Exchange lines⁹

- VoIP channels (SIP acc. RFC 3261), point-to-multipoint/ point-to-point connection (SIP trunking): 0 - 4 min. | 10 max.¹⁰



COMpact 4000

- S₀ ports, point-to-multipoint/point-to-point connection (PTMP/PTP, Euro-ISDN, DSS-1), switchable to internal S₀/U_{P0}: 0 - 2 min. | 3 max.
- Analogue trunk line (tone dialling, CLIP capable): 0 min. | 4 max.
- VoIP codecs trunk line: G.711, G.722, G.726, G.729, iLBC

Subscriber ports⁹

- VoIP subscribers: 0 min. | 16 max.
- VoIP channels (SIP acc. RFC 3261): 0 - 4 min. | 12 max.⁹
- VoIP codecs internal: G.711, G.722, G.726, G.729, iLBC
- Switchable S₀/U_{P0} ports, point-to-multipoint connection (PTMP, Euro-ISDN, DSS-1): 0 - 2 min. | 6 max.⁹
- Range of the internal S₀/U_{P0} ports: approx. 150 m / 1,000 m at Ø 0.6 mm
- Analogue ports, symmetrical, pulse/tone dialling, CLIP/ CNIP capable: 8
- Range of the analogue ports: 2 x 50 Ω, approx. 790 m at Ø 0.6 mm

Voicemail and fax system⁹

- Voicemail channels: 1 min. | 4 max.¹⁰
- Fax channels: 0 min. | 1 max.
- Voicemail boxes / fax boxes: 1 / 0 min. | 20 / 20 max.
- Fax standard: T.30/T.38 acc. ITU-T
- Active and passive fax switch for analogue trunk: yes

Door and relay connections

- Door intercom systems analogue (a/b) or VoIP (SIP): 8
- Door bell inputs: depending on the analogue/VoIP door intercom system

- Door opener relay: depending on the analogue/VoIP door intercom system
- Switching relays (door opener, staircase lighting, IP switch relay, a/b Switching Modul): 24

Additional connections⁹

- Ethernet port 10/100 Base-T (10/100 MBit/s, twisted pair): 1
- USB host V2.0 for printer and memory connection: 1
- Analogue audio output for announcements (e.g. a/b Audiobox): 4
- Module slots: 2

Technical data

- Operating voltage: 230 V ±10 %, 50 Hz
- Power consumption: 3.2 W min. | 55 W max.
- Housing: plastic, chassis with cover
- Dimensions (w x h x d): 334 mm x 331 mm x 94.5 mm
- Weight (w/o modules): approx. 1,600 g
- Compliance: CE
- Supported operating systems: Windows 7/8/10, macOS, Linux

DELIVERY

- Basic unit
- Ethernet cable
- ISDN cable
- Installation Instructions and Setup Guide

¹ With COMfortel 1400 IP / 2600 IP / 3600 IP

² With COMfortel 1400 / 1600 / 2600

³ Firmware version 7.6B or higher

⁴ Paid activation required

⁶ Auto-provisioning currently for phones made by Yealink and Snom

⁷ With system firmware 7.4

⁸ With COMfortel D-100 / D-200

⁹ Possibly depending on the configuration of the ICT system

¹⁰ VoIP channels can be configured individually internally/externally or as voicemail/fax channels



COMcompact 5200

COMcompact 5200R



Fully modular rack-mounted VoIP, ISDN, analogue communications server with up to 20 channels to service provider, 50 subscribers max. and 5 slots

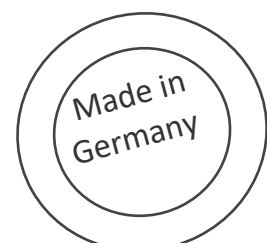
- Up to 50 VoIP subscribers
- Up to 20 ISDN or 20 analogue subscribers
- Up to 32 VoIP channels simultaneously, of which 20 channels can be configured for external use (external trunk)
- Second Ethernet interface for the separation of data and VoIP
- System telephony with digital telephones from the COMfortel® series

Your advantages in detail

The fully modular COMcompact 5200R combines all the functions of a large ICT system in a small space: it can be tailored to individual needs, just like our "big" communication servers, and it can integrate existing analogue and ISDN devices and manage the new cord-

less DECT systems smoothly for mobile coverage over huge areas.

Above all, you can use it to take full advantage of Internet telephony - from easier administration to long-term cost savings! Last but not least!



Features at a glance

SYSTEM FUNCTIONS

- System profiles (10 configurations max.) switchable by internal clock or manually by phone (internal and external)
- Bank holiday table for automatic switching of system profiles or wake-up calls
- Trunk line authorisations for reduction of costs and for multi-company operation
- Private trunk line access with user-related password, usable from all extensions
- Automatic system-wide exchange line request
- Direct line access
- Call through for ISDN and VoIP trunk lines
- Waiting field for up to 14 simultaneous incoming calls^{1,2}
- Announcement before answering unconditional / on busy, 10 announcements can be stored
- Music on Hold with insertable announcement, loadable WAV file
- ISDN features such as CLIP, CW, AOC, CF, CCBS
- Least Cost Routing Soft-LCR for VoIP, ISDN and POTS
- Emergency calls, 10 numbers with special rights and priority
- Call barring / exception lists, 10 each for incoming and outgoing calls
- Protection against attacks with blocking, black lists, monitoring
- Call data management with max. 18,000 records
- Project assignment of calls
- Call data printout (hotel) via network (PCL3)
- Group caller lists^{1,2}
- Group functions with intelligent ringing schemes (ACD feature for Call Centres)
- Flexible rework time for Call Centres
- Parallel call, simultaneous calling of a 2nd target and priority
- Busy-on-busy for internal and external calls, dynamical applicable for logged-in Call Agents
- Call brokering, three-party conference internal / via exchange line / via 2nd call channel
- Open query
- Pick-up specific/global
- Pick-up with pre-check¹
- Boss-secretary function^{1,2}
- Call diversion, follow me internal, cascadable
- Door terminal to exchange line calls (pharmacy function)

- Voicemail and fax functions
- Call take-over (e.g. from integrated answering machine)
- Speaker announcement (Intercom) to system telephones (single user and groups)
- Software interfaces
- Supporting CTI basic functions (the most important phone functions like initiating a call, accepting a call, ending a call, holding a call, toggling calls, call transfer, starting a three party conference, pick up)³

SIP CONVENIENCE FEATURES FOR STANDARD SIP PHONES⁴

- SIP-BLF, Busy Lamp Field acc. to RFC 4235
- Pick-up pre-check
- SIP-MWI (Message Waiting Indication), monitoring of the central voicemail and fax boxes acc. to RFC 3842
- SIP text messages acc. to RFC 3428
- Auto provisioning and status LEDs⁵

CENTRAL ADDRESS BOOKS

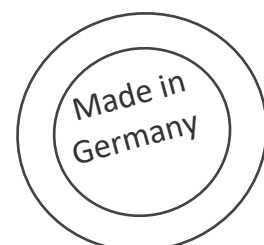
- 2,000 contacts incl. photo, addresses and phone numbers
- Separate address books for departments and multi-company operation
- Comfortable operation via COMfortel system phones
- Security access levels for administrator and user
- Address book provisioning via LDAP
- Usage of Google Contacts
- Import of VCF and CSV files

BUILDING AND HOME AUTOMATION

- Max. 24 actuators, e.g. a/b Switching Modules or via http with IP switching relays
- KNX/EIB integration via IP, e.g. with GIRA HomeServer
- Time or key controlled operation of heating systems, aircondition lighting or blinds^{1,2}
- Full integration of VoIP and analogue door intercom systems
- Support for IP video intercom systems¹

VOIP TELEPHONY

- 4 VoIP channels (external/internal) included, expansion to 32 VoIP channels possible⁴
- Dynamic internal/external VoIP channels
- Fax over IP external (T.38 acc. ITU-T)



COMpact 5200R

- Excellent sound quality due to optimised echo cancellation and wideband audio with G.722⁶
- Remote extensions and mobile VoIP clients integration
- MSNs in SIP-Trunk simultaneously
- Call forwarding on busy (CFB), no reply (CFNR), unconditional (CFU) at carrier trunk, configuration dependent
- Encrypted signalling (SIPS) and data transmission (SRTP)
- Transfer of customer-specific calling number information with outgoing calls (CLIP no screening)
- Individual gateways for each provider

VOICEMAIL AND FAX

- 1 voicemail channel and 1 voicemail box included
- Expansion to up to 8 voicemail and fax channels with up to 40 boxes each⁴
- Fax sending via the network (Windows 7/8/10 and macOS)
- Storage of the voice and fax messages on USB memory (not included)
- Recording capacity (per 1 GByte storage): approx. 8.5 hours voice messages incl. announcements or approx. 3,500 fax pages
- Call acceptance and individual announcements depending on calling number, time and call type
- Comfortable operation via corded COMfortel system phones
- Substitute function
- Message and fax forwarding via e-mail
- Remote access of the voicemail boxes incl. voice guidance
- Active and passive fax switch at analogue trunk lines

UCC FUNCTIONS

- Softphone-functions for Windows, Android und iOS
- Call setup and ending via the PC, incl. Outlook plug-in
- Presence management with automatic status detection
- Instant messaging for a better sharing of information
- Contact data for local users and out of external data bases
- Screen sharing for convinient cooperation
- „Federation“ as networking concept between external sites and companies
- Platform independent (Windows, Mac, iOS, Android)

SUPPLEMENTARY SMARTPHONE APPS

- PBX Manager with switching of call forwardings log-in/-out in groups, retrieving of messages
- COMfortel Mobile Business – seamless integration in iOS and Android, signalling of the business number, full flexibility, always reachable⁶

SOFTWARE INTERFACES

- Recalling call data via SFTP
- LAN TAPI (4 clients in scope of delivery)⁴
- Online name search (reverse search), adaptable
- PBX Control API, e.g. retrieve caller lists, call forwarding ON/OFF, configuration switching, sending of fax/voice-mail, switching relays, alarm status (start, acknowledgment, timeout), hotel (room status, call list, wake-up call)

INSTALLATION AND MAINTENANCE

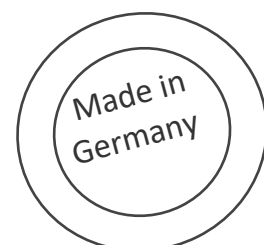
- Note: System activation by specialised dealer necessary (costs possible)
- Administration via web interface, secure access via https
- System access local via Ethernet and remote via Internet
- System software update via local or remote PC upload
- Central configuration of IP telephones (security by using certificates)^{1,7}
- Auto provisioning for telephones of other brands^{5,6}
- Easy configuration with COMfortel IP Editor
- Selectable authorisation levels, password protected
- IPv6 support
- Second Ethernet port for a separate network with own IP address range (with optional COMpact NET Module)

UNLOCKABLE OPTIONS⁴

- Expansion with 4 VoIP channels up to 32 channels (a maximum of 32 VoIP channels possible in the system)
- Expansion to 20 or 40 voicemail and fax boxes
- Auto Attendant
- PBX Call Assist
- Hotel function²
- LAN-TAPI (for all subscribers)
- SIP comfort package brand plus included auto provisioning for standard SIP phones⁵
- System activation (necessary for operation of the system)
- Extension to configure up to 20 external channels to the service provider (fixed or dynamic)⁸

COMPATIBLE PRODUCTS

- 16132 / COMpact 2FXO Module
- 16133 / COMpact 4FXS Module
- 16131 / COMpact 2BRI Module
- 16333 / COMpact NET Module
- 90698 / a/b-Audiobox
- 90436 / UP0/S0 Adapter
- Appstore / PBX Manager



COMpact 5200R

- Appstore / COMfortel® Mobile Business
- 94636 / PBX Call Assist 3 (5 User)
- 94637 / PBX Call Assist 3 (15 User)
- 94638 / PBX Call Assist 3 (40 User)

TECHNICAL SPECIFICATIONS

Trunk lines⁹

- VoIP channels (SIP acc. RFC 3261), point-to-multipoint/point-to-point connection (SIP trunking): 0 - 4 min. | 20 max.¹⁰
- S₀ ports, point-to-multipoint/point-to-point connection (PTMP/PTP, Euro-ISDN, DSS-1), switchable to internal S₀/U_{P0}: 0 min. | 3 max.
- Analogue trunk line (tone dialling, CLIP capable): 0 min. | 6 max.
- VoIP codecs trunk line: G.711, G.722, G.726, G.729, iLBC

Subscriber ports⁹

- VoIP subscribers: 0 min. | 50 max.
- VoIP channels (SIP acc. RFC 3261): 0 - 4 min. | 32 max.¹⁰
- VoIP codecs internal: G.711, G.722, G.726, G.729, iLBC
- Switchable S₀/U_{P0} ports, point-to-multipoint connection (PTMP, Euro-ISDN, DSS-1): 0 min. | 10 max.
- Range of the internal S₀/U_{P0} ports: approx. 150 m / 1,000 m at Ø 0.6 mm
- Analogue ports, symmetrical, pulse/tone dialling, CLIP/CNIP capable: 0 min. | 20 max.
- Range of the analogue ports: 2 x 50 Ω, approx. 790 m at Ø 0.6 mm

Voicemail and fax system⁹

- Voicemail channels: 1 min. | 8 max.
- Fax channels: 0 min. | 8 max.

- Voicemail boxes / fax boxes: 1 / 0 min. | 40 / 40 max.
- Fax standard: T.30/T.38 acc. to ITU-T
- Active and passive fax switch for analogue trunks: yes

Door and relay connections

- Door intercom systems analogue (a/b) or VoIP (SIP): 8
- Door bell inputs: depending on the analogue/VoIP door intercom system
- Door opener relay: depending on the analogue/VoIP door intercom system
- Switching relays (door opener, staircase lighting, IP switch relay, a/b Switching Modul): 24

Additional connections⁹

- Ethernet ports 10/100 Base-T (10/100 MBit/s, twisted pair): 1 min. | 2 max.
- USB host V2.0 for printer and memory connection: 1
- Analogue audio output for announcements (e.g. a/b Audiobox): 4
- Module slots: 5+1

Technical data

- Operating voltage: 230 V ±10 %, 50 Hz
- Power consumption: 3.2 W min. | 65 W max.
- Housing: plastic, metal angles for 19" rack mounting
- Dimensions (w x h x d): 325 mm x 88 mm x 240 mm
- Weight (w/o modules): approx. 1,700 g
- Compliance: CE
- Supported operating systems: Windows 7/8/10, macOS, Linux

DELIVERY

- Base unit
- Ethernet cable
- Installation and setup guide

¹ With COMfortel 1400 IP / 2600 IP / 3600 IP

² With COMfortel 1400 / 1600 / 2600

³ Firmware version 7.6B or higher

⁴ Paid activation required

⁵ Auto-provisioning currently for phones made by Yealink and Snom

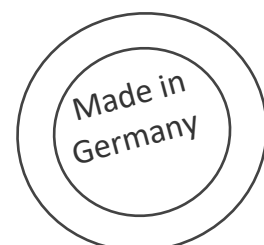
⁶ With system firmware 7.4

⁷ With COMfortel D-100 / D-200

⁸ With system firmware 7.8A

⁹ Possibly depending on the configuration of the telephone system

¹⁰ VoIP channels can be configured individually internally/externally or as voicemail/fax channels



COMpact 5200R

With fewer modules and codecs you can (optionally) have up to 32 VoIP channels.

COMpact 5200R	Classic Mode	VoIP Oriented	Maximum
Total VoIP Channels	16	28	32
Codecs external			
G711	1	1	1
G729	1	1	0
G722	1	0	0
G726	1	0	0
ILBC	1	0	0
Codecs Internal			
G711	1	1	1
G729	1	0	0
G722	1	0	0
G726	1	0	0
ILBC	1	1	0
Number of Modules			
1	1	1	0
2	1	0	0
3	1	0	0
4	1	0	0
5	1	0	0
Compact Net-Modul	1	1	1



COMpact 5500R



Fully modular, expandable VoIP device for 19" racks with up to 32 channels to service provider and 112 subscribers

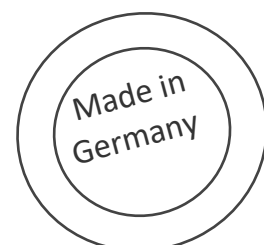
- Up to 80 VoIP channels simultaneously, of which 32 can be configured for external use (external trunk)
- Up to 112 VoIP subscribers
- Up to 20 ISDN or 20 analogue subscribers
- Second Ethernet interface for the separation of data and VoIP
- System telephony with digital telephones from the COMfortel® series

Your advantages in detail

No matter whether you're a promising new start-up or an established company that's planning to expand – this VoIP appliance can help keep all your options open. For the brand new COMpact 5500R, coping with increasing demand is fundamental. Thanks to its fully modular architecture, even its base configuration, designed for up to 12 VoIP subscribers, can also handle up to 112 subscribers (including externally lo-

cated extensions) and also provide all the functions available in a "large" IP server.

Versatile yet easy to use: Analogue and ISDN connections can be retrofitted as integrated gateways, for example, for existing telephones. The specially designed templates make configuring the VoIP trunks for all the major providers as easy as child's play. Even classic FXS and BRI connections can be retrofitted for each module as required.



Features at a glance

SYSTEM FUNCTIONS

- System profiles (10 configurations max.) switchable by internal clock or manually by phone (internal and external)
- Bank holiday table for automatic switching of system profiles or wake-up calls
- Trunk line authorisations for reduction of costs and for multi-company operation
- Private trunk line access with user-related password, usable from all extensions
- Automatic system-wide exchange line request
- Direct line access
- Call through for ISDN and VoIP trunk lines
- Waiting field for up to 20 simultaneous incoming calls^{1,2}
- Announcement before answering unconditional / on busy, 10 announcements can be stored
- Music on Hold with insertable announcement, loadable WAV file
- ISDN features such as CLIP, CW, AOC, CF, CCBS
- Least Cost Routing Soft-LCR for VoIP, ISDN and POTS
- Emergency calls, 10 numbers with special rights and priority
- Call barring / exception lists, 10 each for incoming and outgoing calls
- Protection against attacks with blocking, black lists, monitoring
- Call data management with max. 18,000 records
- Project assignment of calls
- Call data printout (hotel) via network (PCL3)
- Group caller lists^{1,2}
- Group functions with intelligent ringing schemes (ACD feature for Call Centres)
- Flexible rework time for Call Centres
- Parallel call, simultaneous calling of a 2nd target and priority
- Busy-on-busy for internal and external calls, dynamical applicable for logged-in Call Agents
- Call brokering, three-party conference internal / via exchange line / via 2nd call channel
- Open query / up to 10 on-hold positions
- Pickup specific/global
- Pickup with pre-check¹
- Boss-secretary function^{1,2}
- Call diversion, follow me internal, cascadable
- Door terminal to exchange line calls (pharmacy function)

- Voicemail and fax functions
- Call take-over (e.g. from integrated answering machine)
- Speaker announcement (Intercom) to system telephones (single user and groups)
- Software interfaces
- Supporting CTI basic functions (the most important phone functions like initiating a call, accepting a call, ending a call, holding a call, toggling calls, call transfer, starting a three party conference, pickup)³

SIP CONVENIENCE FEATURES FOR STANDARD SIP PHONES⁴

- SIP-BLF, Busy Lamp Field acc. to RFC 4235
- Pickup pre-check⁵
- SIP-MWI (Message Waiting Indication), monitoring of the central voicemail and fax boxes acc. to RFC 3842
- SIP text messages acc. to RFC 3428
- Auto provisioning and status LEDs⁶

CENTRAL ADDRESS BOOKS

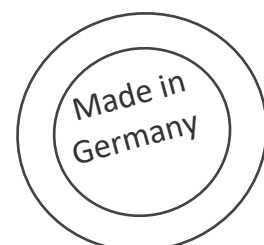
- 2,000 contacts
- Separate address books for departments and multi-company operation
- Comfortable operation via COMfortel system phones
- Security access levels for administrator and user
- Address book provisioning via LDAP
- Usage of Google Contacts
- Import of VCF and CSV files

BUILDING AND HOME AUTOMATION

- Max. 24 actuators, e.g. a/b Switching Modules or via http with IP switching relays
- KNX/EIB integration via IP, e.g. with GIRA HomeServer
- Time or key controlled operation of heating systems, aircondition lighting or blinds^{1,2}
- Full integration of VoIP and analogue door intercom systems
- Support for IP video intercom systems¹

VOIP TELEPHONY

- 8 VoIP channels (external/internal) included, expansion to 80 VoIP channels possible⁴
- Dynamic internal/external VoIP channels
- Fax over IP external (T.38 acc. ITU-T)



COMpact 5500R

- Excellent sound quality due to optimised echo cancellation and wideband audio with G.722⁷
- Integration of external extensions (information on the location of the telephone is taken into account in an emergency call) and mobile clients
- MSNs in SIP-Trunk simultaneously
- Call forwarding on busy (CFB), no reply (CFNR), unconditional (CFU) at carrier trunk, configuration dependent
- Encrypted signalling (SIPS) and data transmission (SRTP)
- Transfer of customer-specific calling number information with outgoing calls (CLIP no screening)
- Individual gateways for each provider

VOICEMAIL AND FAX

- 1 voicemail channel and 1 voicemail box included
- Expansion to up to 8 voicemail and fax channels with up to 60 boxes each⁴
- Fax sending via the network (Windows 7/8/10)
- Storage of the voice and fax messages on USB memory (not included)
- Recording capacity (per 1 GByte storage): approx. 8.5 hours voice messages incl. announcements or approx. 3,500 fax pages
- Call acceptance and individual announcements depending on calling number, time and call type
- Comfortable operation via corded COMfortel system phones
- Substitute function
- Message and fax forwarding via e-mail
- Remote access of the voicemail boxes incl. voice guidance
- Active and passive fax switch at analogue trunk lines

UCC FUNCTIONS⁴

- Softphone-functions for Windows, Android und iOS
- Call setup and ending via the PC, incl. Outlook plug-in
- Presence management with automatic status detection
- Instant messaging for a better sharing of information
- Contact data for local users and out of external data bases
- Screen sharing for convinient cooperation
- „Federation“ as networking concept between external sites and companies
- Platform independent (Windows, Mac, iOS, Android)

SUPPLEMENTARY SMARTPHONE APPS

- PBX Manager with switching of call forwardings log-in/-out in groups, retrieving of messages
- COMfortel Mobile Business – seamless integration in iOS and Android, signalling of the business number, full flexibility, always reachable⁷

SOFTWARE INTERFACES

- Recalling call data via SFTP
- LAN TAPI (4 clients in scope of delivery)⁴
- Online name search (reverse search), adaptable
- PBX Control API, e.g. retrieve caller lists, call forwarding ON/OFF, configuration switching, sending of fax/voice-mail, switching relays, alarm status (start, acknowledgment, timeout), hotel (room status, call list, wake-up call)

INSTALLATION AND MAINTENANCE

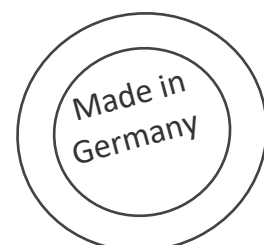
- Note: System activation by specialised dealer necessary (costs possible)
- Administration via web interface, secure access via https
- System access local via Ethernet and remote via Internet
- System software update via local or remote PC upload
- Central configuration of IP telephones (security by using certificates)^{1,8}
- Auto provisioning for telephones of other brands^{6,7}
- Easy configuration with COMfortel IP Editor
- Selectable authorisation levels, password protected
- IPv6 support
- Second Ethernet port for a separate network with own IP address range (with optional COMpact NET Module)

UNLOCKABLE OPTIONS

- System activation (necessary for operation of the system)
- Expansion with 8 VoIP channels up to 80 channels (a maximum of 80 VoIP channels possible in the system)
- Expansion to 20, 40 or 60 voicemail and fax boxes
- Auto Attendant
- Hotel function²
- LAN-TAPI (for all subscribers)
- PBX Call Assist
- SIP comfort package brand plus included auto provisioning for standard SIP phones⁶
- Extension to configure up to 32 external channels to the service provider (fixed or dynamic)⁹
- Expansion of the on-hold positions from 10 to 30¹⁰
- Comfort package D series (call flow display and intercom call)¹⁰

COMPATIBLE PRODUCTS

- 16132 / COMpact 2FXO Module
- 16133 / COMpact 4FXS Module
- 16131 / COMpact 2BRI Module
- 16333 / COMpact NET Module



COMpact 5500R

- 90436 / UP0/S0 Adapter
- 90698 / a/b-Audiobox
- Appstore / PBX Manager
- Appstore / COMfortel® Mobile Business
- 94652 / PBX Call Assist 4 (1 User)
- 94648 / PBX Call Assist 4 (15 User)
- 94649 / PBX Call Assist 4 (40 User)
- 94652 / PBX Call Assist 4 (5 User)

TECHNICAL SPECIFICATIONS

Trunk lines¹¹

- VoIP channels (SIP acc. RFC 3261), point-to-multipoint/point-to-point connection (SIP trunking): 0 - 8 min. | 32 max.¹²
- S₀ ports, point-to-multipoint/point-to-point connection (PTMP/PTP, Euro-ISDN, DSS-1), switchable to internal S₀/U_{P0}: 0 min. | 3 max.
- Analogue trunk line (tone dialling, CLIP capable): 0 min. | 6 max.
- VoIP codecs trunk line: G.711, G.722, G.726, G.729 and iLBC

Subscriber ports¹¹

- VoIP subscribers: 0 min. | 112 max.
- VoIP channels (SIP acc. RFC 3261): 0 - 8 min. | 80 max.¹²
- VoIP codecs internal: G.711, G.722, G.726, G.729, iLBC
- Switchable S₀/U_{P0} ports, point-to-multipoint connection (PTMP, Euro-ISDN, DSS-1): 0 min. | 10 max.
- Range of the internal S₀/U_{P0} ports: approx. 150 m / 1,000 m at Ø 0.6 mm
- Analogue ports, symmetrical, pulse/tone dialling, CLIP/CNIP capable: 0 min. | 20 max.
- Range of the analogue ports: 2 x 50 Ω, approx. 790 m at Ø 0.6 mm

Voicemail and fax system¹¹

- Voicemail channels: 1 min. | 8 max.
- Fax channels: 0 min. | 8 max.
- Voicemail boxes / fax boxes: 1 / 0 min. | 60 / 60 max.
- Fax standard: T.30/T.38 acc. to ITU-T
- Active and passive fax switch for analogue trunks: yes

Door and relay connections

- Door intercom systems analogue (a/b) or VoIP (SIP): 8
- Door bell inputs: depending on the analogue/VoIP door intercom system
- Door opener relay: depending on the analogue/VoIP door intercom system
- Switching relays (door opener, staircase lighting, IP switch relay, a/b Switching Modul): 24

Additional connections¹¹

- Ethernet ports 10/100 Base-T (10/100 MBit/s, twisted pair): 1 min. | 2 max.
- USB host V2.0 for printer and memory connection: 1
- Analogue audio output for announcements (e.g. a/b Audiobox): 4
- Module slots: 5+1

Technical data

- Operating voltage: 230 V ±10 %, 50 Hz
- Power consumption: 5 W min. | 65 W max.
- Housing: plastic, metal angles for 19" rack mounting
- Dimensions (w x h x d): 325 mm x 88 mm x 240 mm
- Weight (w/o modules): approx. 1,700 g
- Compliance: CE
- Supported operating systems: Windows 7/8/10, macOS, Linux

DELIVERY

- Base unit
- Ethernet cable
- Installation and setup guide

¹ With COMfortel 1400 IP / 2600 IP / 3600 IP

² With COMfortel 1400 / 1600 / 2600

³ Firmware version 7.6B or higher

⁴ Paid activation required

⁵ Is only supported for the telephone models D-400/D-600 and D-210/D-200 in operation with an extension.

⁶ Auto-provisioning currently for phones made by Yealink and Snom

⁷ With system firmware 7.4

⁸ With COMfortel D-100 / D-200

⁹ With system firmware 7.8A

¹⁰ With system firmware 8.2B or higher

¹¹ Possibly depending on the configuration of the telephone system

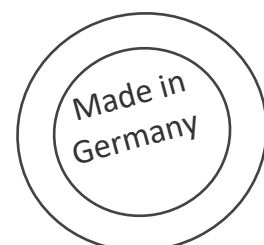
¹² VoIP channels can be configured individually internally/externally or as voicemail/fax channels



COMpact 5500R

With fewer modules and codecs you can (optionally) have up to
80 VoIP channels.

COMpact 5500R	Classic Mode	Mixed	Wideband	VoIP Oriented	Maximum VoIP
Total VoIP Channels	32	64	64	72	80
Codecs external					
G711	1	1	1	1	1
G729	1	1	0	1	0
G722	1	0	1	0	0
G726	1	0	0	0	0
ILBC	1	0	0	0	0
Codecs Internal					
G711	1	1	1	1	1
G729	1	0	0	0	0
G722	1	0	1	0	0
G726	1	0	0	0	0
ILBC	1	0	0	0	0
Number of Modules					
1	1	1	1	1	0
2	1	1	0	0	0
3	1	1	0	0	0
4	1	1	0	0	0
5	1	1	0	0	0
Compact Net-Modul	1	1	1	1	1



COMpact 4FXS Module

Expansion module for COMpact systems with four additional analogue extensions.



- 4 analogue extensions
- Number and name display (CLIP and CNIP)

Your advantages in detail

The COMpact 4FXS Module expands the ITC systems COMpact 5000/5000R, 5200/5000R und 5500R by four

analogue extensions. Optimal support for CLIP (caller number display) and CNIP (caller name display).

Features at a glance

MODULE CONNECTION OPTIONS

- 4 analogue extensions, symmetrical

MODULE FUNCTIONS

- Automatic detection of the dialling method and learning function for FLASH time detection at the analogue extensions
- Number display (CLIP)
- Name display (CNIP)

COMPATIBLE PRODUCTS

- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK

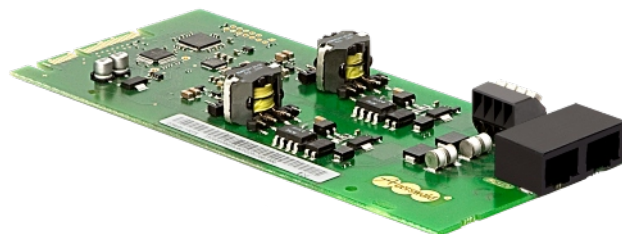
TECHNICAL SPECIFICATIONS

- Trunk line: for 4 analogue terminals, pulse dialing/DTMF, CLIP/CNIP supported

Made in
Germany

COMpact 2FXO Module

Expansion module for COMpact systems with two analogue trunk lines including fax switch (active/passive)



- 2 analogue exchange lines (DTMF, selectable impedance)
- Number and name display (CLIP and CNIP)
- Active and passive fax switch
- Implementation of ISDN comfort functions, e.g. Calling Line Identity Restriction (CLIR), Call forwarding (CF)

Your advantages in detail

The COMpact 2FXO Module expands the ITC systems COMpact 4000, 5000/5000R, 5200/5000R and 5500R

by two analogue exchange lines with number and name display (CLIP/CNIP). Both ports offer active and passive fax detection.

Features at a glance

MODULE CONNECTION OPTIONS

- 2 analogue trunk lines (CLIP/CNIP enabled, DTMF)

MODULE FUNCTIONS

- Number and name display (CLIP and CNIP)
- Active and passive fax switch
- Conversion of ISDN comfort functions, e.g. Calling Line Identity Restriction (CLIR), Call Forwarding (CF)
- Busy tone and loop current detection

COMPATIBLE PRODUCTS

- 16118 / COMpact 4000

- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK

TECHNICAL SPECIFICATIONS

- Trunk line: 2 analogue exchange lines, DTMF, CLIP via FSK/DTMF

Made in
Germany

COMpact 2BRI Module

Expansion module for COMpact systems with two variable ISDN ports (external/internal)



- 2 ISDN ports, switchable external (S_0) – internal (S_0/U_{P0})
- Internal either as S_0 (4-wire) or U_{P0} port (2-wire), point-to-multipoint, Euro ISDN (DSS-1)
- System telephony function in conjunction with COMfortel® 1200, 1400, 1600 and 2600

Your advantages in detail

The COMpact 2BRI Module the ITC systems COMpact 4000, 5000/5000R, 5200/5000R und 5500R by two switchable ISDN ports. Both ports can be configured as external or internal ISDN ports. In internal operation

mode S_0 (4-wire) or U_{P0} (2-wire) can be selected. ISDN system telephones from the COMfortel series and normal ISDN terminals can be operated on the internal ISDN ports.

Features at a glance

MODULE CONNECTION OPTIONS

- 2 ISDN ports, switchable external (S_0) – internal (S_0/U_{P0})

MODULE FUNCTIONS

- Internal alternatively as S_0 (4-wire) or U_{P0} port (2-wire), point-to-multipoint, Euro-ISDN (DSS-1)
- System telephony function in connection with COMfortel 1200, 1400, 1600 and 2600

COMPATIBLE PRODUCTS

- 16118 / COMpact 4000
- 16119 / COMpact 4000 UK

- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK

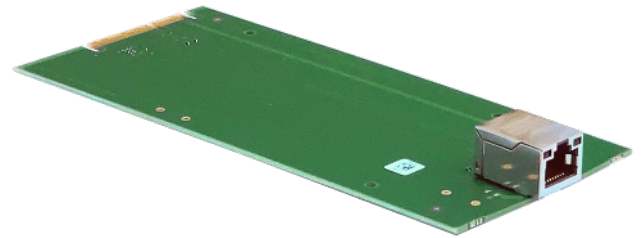
TECHNICAL SPECIFICATIONS

- Trunk line: 0-1 S_0 port, Euro-ISDN (DSS-1), Point-to-Multipoint or Point-to-Point supported
- Internal ISDN port: 0-1 S_0/U_{P0} port, Euro-ISDN (DSS-1), Point-to-Multipoint supported

Made in
Germany

COMpact NET Module

Expansion for COMpact 5200/5200R
and 5500R with a second Ethernet
interface



- Ethernet interface with separate IP adress range
- Improved security for business connections
- Separation of VoIP telephony and data

Your advantages in detail

The ITC systems COMpact 5200/5200R and 5500R can be expanded with a second Ethernet interface by using the COMpact NET Module. With this expansion it is possible to support the new VoIP business connections

using separate IP address ranges for VoIP. This provides significantly higher security for communication via IP. Additionally, it is possible to realise the separation of telephony and data traffic in different IP address ranges.



Datasheet

COMfortel® D-110



Entry level terminal with professional feature set that quickly proves its worth in demanding everyday use

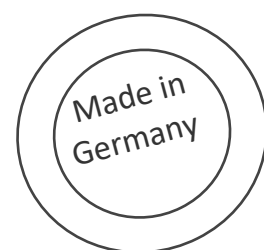


- Intuitive user interface
- 6 self-labelling function keys incl. LED signalling
- 4 context-sensitive soft keys
- HD audio quality thanks to wideband
- Headset connection with EHS support

Your advantages in detail

Even the entry-level model COMfortel D-110 is packed with professional features such as self-labelling function keys including LED signalling, context-sensitive soft keys and a headset connection for cordless headsets with Electronic Hook Switch (EHS) to enjoy comfortable freedom of movement and have both hands free when telephoning. Additionally, the intuitive user interface with its illuminated graphic display visibly improves day-to-day productivity.

As with the larger models, an all-round visible casing LED ensures that everyone can see you are on the telephone, even if you make calls by using a hidden headset. Incoming calls and missed calls are also displayed conspicuously. Its functional design looks impressive in any modern office environment. All this makes the COMfortel D-110 perfect for small offices, home offices and call centres.



do you speak
FONtevo®

Features at a glance

COMFORT FEATURES

- 6 SIP identities/accounts
- 3 simultaneous connections
- Reliability and constant availability thanks to fallback identities
- Caller ID – display phone numbers and names from the local and central telephone book from the communication server / cloud PBX¹
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX¹
- Pickup – fetch a call
- Call parking / open inquiry¹
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX¹
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX¹
- Local 3-party conference calls via telephone or centrally via the communication server / cloud PBX¹
- Differentiation of call types through distinctive ringtones
- Upload and administration of custom ringtones via the web interface
- Call back on busy – intuitive setup of an automatic call back¹
- Convenient management of the most important phone functions via Action URL such as
- Display of messages send by e.g. alarm servers (SIP messages)²
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- LDAP – access via SSL to central telephone books, such as OpenLDAP or Microsoft Active Directory
- Call lists for missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)¹
- 5-way navigation keys
- 4 context-sensitive soft keys
- Function keys for call forwarding/transfer and volume setting
- Function keys including LED signalling for access to the call list, voice mailbox, call on hold, headset operation, hands-free calling / listen-in function and microphone muting¹
- 6 self-labelling and freely programmable function keys with 3 levels as well as polychromatic LED signalling
- Busy Lamp Field (BLF) function for displaying the call and busy status of extensions¹
- Native OpenVPN support for telephony across all your sites
- Integration of function keys in own applications and processes via Lua templates
- Casing LED for signalling active calls and incoming calls
- Automatic backlight with adjustable brightness and switch-off time
- Microphone muting
- Telephone tilt angle: 30° or 45°
- Wall mountable³

SYSTEM FEATURES ON PROPRIETARY COMMUNICATION SERVERS

- Group login/logout
- Caller ID – display phone numbers and names from a central telephone book
- Do-not-disturb (DND)
- Pickup – fetch a call
- Call forwarding centrally via the communication server
- Access to the central telephone book
- Online name search (reverse search)
- Busy Lamp Field (BLF) for displaying the call and busy status of extensions
- Switch central configuration profiles such as day/night switching
- Simplified loading of the system's comfort functions
- Professional intercom functions^{2,4}
- Display of the call flow, ideal for multi-company operation^{2,4}

AUDIO FEATURES

- High voice quality through echo cancellation
- Codecs: G.722 (wideband), G.711 A-law/μ-Law, G.726, G.729, iLBC, Opus, Speex
- Comfort noise generation (CNG)
- Voice activity detection (VAD)
- Full duplex hands-free calling

- 22 ring tones
- Ringer, receiver, headset and hands-free volume can be set separately
- Headset connection via RJ-45 for cordless headsets with EHS support and wired headsets

SECURITY

- Password-protected web interface
- HTTPS server/client
- SIPs (RFC 3261) – encrypted signalling
- SRTP (RFC 3711/RFC 4568) – encrypted transfer of voice data
- Transport Layer Security (TLS)
- VLAN (IEEE 802.1q)

ADMINISTRATION

- Configuration via web browser (HTTPS)
- Mass installation via provisioning server: redirect server | DHCP options 66/67 | configuration update via SIP notify without restarting the telephone | transmission of settings via HTTP/HTTPS/TFTP
- Extended functions for admins (e.g. tracing, user levels, status display)²
- Localisation including language, time, date and sound
- Languages: German, English, French, Greek, Polish, Spanish, Dutch, Italian

SUPPORTED PROTOCOLS

- DHCPv4 (RFC 2131)
- DHCPv4 Option 60 (Vendor class identifier)
- DHCPv4 Option 66/67 (Hostname/Filename)
- DNS SRV-RR (RFC 2782)
- HTTP/HTTPS (RFC 2616)
- HTTPS (RFC 2818)
- IPv4 (RFC 0791)
- IPv6 (RFC 2460, RFC 8200)
- IPv6 Dual Stack (RFC 4241)
- IPv6 Dual Stack Lite (RFC 6333)
- IPv6 SLAAC (RFC 4862)
- BLF (RFC 4235)
- LDAP (RFC 4511)
- NTP (RFC 958)
- RTCP (RFC 3550, RFC 3605)
- RTP (RFC 3550)
- DTMF: in-band, RTP Payload (RFC 2833, 4733), SIP-INFO
- SIP/SIPS (RFC 3261, RFC 2543)
- SRTP (RFC 3711, RFC 4568)
- TFTP (RFC 1350)
- TLS (RFC 2246)
- VLAN (IEEE 802.1q)

COMPATIBLE PRODUCTS

- 90027 / COMtrexx® Next
- 90024 / COMtrexx® Flex
- 16022 / COMtrexx® Business
- 16023 / COMtrexx® Advanced
- 16021 / COMtrexx® VM
- 16118 / COMpact 4000
- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16267 / COMfortel® D-Mount
- 16347 / COMfortel® H-200
- 16348 / COMfortel H-500
- 90349 / COMfortel H-600
- 16668 / COMfortel® DECT Headset
- 16075 / COMfortel® PoE-100

TECHNICAL SPECIFICATIONS

- Power supply: Power over Ethernet (PoE according to IEEE 802.3af, Class 1)
- Ethernet ports: 2 port Ethernet switch 10/100 Base-T
- System connection: Ethernet 10/100 Base-T
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support
- Operating elements: keypad with vanity code, 17 dedicated function keys, 4 soft keys, 6 freely programmable function keys each with 3 levels
- Display: LCD monochrome with backlight (2.7" / 6.9 cm, 240 x 128 pixels)
- LEDs: 12, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 238 mm x 160/125 mm x 145/195 mm
- Weight: approx. 690 g
- Compliance: CE, EN 55032, EN 55024, EN 62368-1

DELIVERY

- Basic unit
- Handset (receiver) with connection cable

do you speak
FONtevo®

¹ Depending on the central communication server / cloud PBX

² Version 2.0A or higher

³ Optional

⁴ with COMmander/COMpact with version 8.2A (with license)

ORDERING INFORMATION

Designation: COMfortel® D-110

Article number: 16277

EAN Code: 4019377162774

COMfortel® D-210



Professional SIP-Phone – amazing range of premium functions despite almost entry-level price



- Intuitive user interface
- 6 self-labelling function keys incl. LED signalling
- 4 context-sensitive soft keys
- HD audio quality thanks to wideband
- Headset connection with EHS support

Your advantages in detail

The COMfortel D-210 expertly bridges the gap between IP telephony at an entry-level price and a professional range of features that are second to none. This modern IP telephone with its sophisticated design blends in perfectly with modern office environments. The intuitive user interface with illuminated graphic display increases productivity in "day-to-day business". An all-round visible casing LED ensures that everyone can see you are on the telephone, even if you make calls by using a hidden headset. Incoming

calls and missed calls are also displayed conspicuously.

The COMfortel D-210 is scalable and grows with your requirements – it gives you the option of using the phone with its integrated six digitally labelled and freely programmable function keys or upgrading to 66 keys with the COMfortel D-XT20 key extension module. It's ideal for small offices, home offices and call centres.

COMfortel Extension D-XT 20I (Max. 3)



Features at a glance

COMFORT FEATURES

- 6 SIP identities/accounts
- 3 simultaneous connections
- Reliability and constant availability thanks to fallback identities
- Caller ID – display phone numbers and names from the local and central telephone book from the communication server / cloud PBX¹
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX¹
- Pickup – fetch a call with pre-check²
- Call parking / open inquiry¹
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX¹
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX¹
- Local 3-party conference calls via telephone or centrally via the communication server / cloud PBX¹
- Differentiation of call types through distinctive ringtones
- Upload and administration of custom ringtones via the web interface
- Call back on busy – intuitive setup of an automatic call back¹
- Convenient management of the most important phone functions via Action URL such as
- Display of messages send by e.g. alarm servers (SIP messages)³
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- LDAP – access via SSL to central telephone books, such as OpenLDAP or Microsoft Active Directory
- Call lists for 100 missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)¹
- 5-way navigation keys
- 4 context-sensitive soft keys
- Function keys for call forwarding/transfer and volume setting
- Function keys including LED signalling for access to the call list, voice mailbox, call on hold, headset operation, hands-free calling / listen-in function and microphone muting¹
- 6 self-labelling and freely programmable function keys with 3 levels as well as polychromatic LED signalling
- Busy Lamp Field (BLF) function for displaying the call and busy status of extensions¹
- Native OpenVPN support for telephony across all your sites
- Integration of function keys in own applications and processes via Lua templates
- Casing LED for signalling active calls and incoming calls
- Automatic backlight with adjustable brightness and switch-off time
- Microphone muting
- Telephone tilt angle: 30° or 45°
- Wall mountable⁴

SYSTEM FEATURES ON PROPRIETARY COMMUNICATION SERVERS

- Group login/logout
- Caller ID – display phone numbers and names from a central telephone book
- Do-not-disturb (DND)
- Pickup – fetch a call
- Call forwarding centrally via the communication server
- Access to the central telephone book
- Online name search (reverse search)
- Busy Lamp Field (BLF) for displaying the call and busy status of extensions
- Switch central configuration profiles such as day/night switching
- Simplified loading of the system's comfort functions
- Professional intercom functions^{5,6}
- Display of the call flow, ideal for multi-company operation^{5,6}

AUDIO FEATURES

- High voice quality through echo cancellation
- Codecs: G.722 (wideband), G.711 A-law/μ-Law, G.726, G.729, iLBC, Opus, Speex
- Comfort noise generation (CNG)
- Voice activity detection (VAD)
- Full duplex hands-free calling

- 22 ring tones
- Ringer, receiver, headset and hands-free volume can be set separately
- Headset connection via RJ-45 for cordless headsets with EHS support and wired headsets

SECURITY

- Password-protected web interface
- HTTPS server/client
- SIPs (RFC 3261) – encrypted signalling
- SRTP (RFC 3711/RFC 4568) – encrypted transfer of voice data
- Transport Layer Security (TLS)
- VLAN (IEEE 802.1q)

ADMINISTRATION

- Configuration via web browser (HTTPS)
- Mass installation via provisioning server: redirect server | DHCP options 66/67 | configuration update via SIP notify without restarting the telephone | transmission of settings via HTTP/HTTPS/TFTP
- Extended functions for admins (e.g. tracing, user levels, status display)⁵
- Localisation including language, time, date and sound
- Languages: German, English, French, Greek, Polish, Spanish, Dutch, Italian

SUPPORTED PROTOCOLS

- DHCPv4 (RFC 2131)
- DHCPv4 Option 60 (Vendor class identifier)
- DHCPv4 Option 66/67 (Hostname/Filename)
- DNS SRV-RR (RFC 2782)
- HTTP/HTTPS (RFC 2616)
- HTTPS (RFC 2818)
- IPv4 (RFC 0791)
- IPv6 (RFC 2460, RFC 8200)
- IPv6 Dual Stack (RFC 4241)
- IPv6 Dual Stack Lite (RFC 6333)
- IPv6 SLAAC (RFC 4862)
- BLF (RFC 4235)
- LDAP (RFC 4511)
- NTP (RFC 958)
- RTCP (RFC 3550, RFC 3605)
- RTP (RFC 3550)
- DTMF: in-band, RTP Payload (RFC 2833, 4733), SIP-INFO
- SIP/SIPS (RFC 3261, RFC 2543)
- SRTP (RFC 3711, RFC 4568)
- TFTP (RFC 1350)
- TLS (RFC 2246)
- VLAN (IEEE 802.1q)

COMPATIBLE PRODUCTS

- 16023 / COMtrexx® Advanced
- 16022 / COMtrexx® Business
- 16021 / COMtrexx® VM
- 16118 / COMpact 4000
- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16264 / COMfortel® D-XT20
- 16271 / COMfortel® D-XT20i
- 16267 / COMfortel® D-Mount
- 90346 / COMfortel® H-100 analog
- 16347 / COMfortel® H-200
- 16668 / COMfortel® DECT Headset
- 16348 / COMfortel H-500
- 16079 / COMfortel® PoE-1000
- 16074 / COMfortel® PoE-1000 UK

TECHNICAL SPECIFICATIONS

- Power supply: Power over Ethernet (PoE according to IEEE 802.3af, Class 2)
- Ethernet ports: 2 port Ethernet switch 10/100/1000 Base-T
- USB port: 1
- System connection: Ethernet 10/100/1000 Base-T
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support
- Operating elements: keypad with vanity code, 17 dedicated function keys, 4 soft keys, 6 freely programmable function keys each with 3 levels
- Display: LCD monochrome with backlight (2.7" / 6.9 cm, 240 x 128 pixels)
- LEDs: 12, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 238 mm x 160/125 mm x 145/195 mm
- Weight: approx. 690 g
- Compliance: CE, EN 55032, EN 55024, EN 62368-1

DELIVERY

- Basic unit

- Handset (receiver) with connection cable
- Device stand
- Quick start guide

¹ Depending on the central communication server / cloud PBX

² In combination with a COMfortel D-XT20i

³ Version 2.0A or higher

⁴ Optional

⁵ Version 2.0 or higher

⁶ with COMmander/COMpact with version 8.2A (with license)

ORDERING INFORMATION

Designation: COMfortel® D-210

Article number: 16278

EAN Code: 4019377162781

FONtevo is a Trademark of
Auerswald GmbH & Co. KG
38162 Cremlingen
Infoline: +49(0) 53 06 / 92 00-710

Further information can be found at fontevo.com
29.11.2021 – Reserve technical changes
Copyright© Auerswald GmbH & Co. KG

do you speak
FONtevo®

Datasheet

COMfortel® D-400



Office or home office – the COMfortel D-400 SIP phone is the professional choice



- Intuitive user interface
- High-resolution 4.3" TFT display with capacitive touch function
- 20 self-labelling function keys on the display incl. status signalling
- HD audio quality thanks to wideband
- Headset connection with EHS support

Your advantages in detail

The COMfortel D-400 is the premium product of our standard SIP telephony offering. It has a clear design that is dominated by a large touchscreen and blends in well with any modern office environment. Its high-resolution 4.3" colour display with capacitive touch function is designed for intuitive operation and is context-specific. An all-round visible casing LED ensures that everyone can see you are on the telephone, even if you make calls by using a hidden headset. In-

coming calls and missed calls are also displayed conspicuously.

The expansion options of the COMfortel D-400 prove its professional versatility: whether you use the COMfortel D-400 with its 20 digitally labelled and freely programmable function keys, displayed on the screen, or upgrade to 80 keys with the COMfortel D-XT20i key extension module – it's all done via the two USB connections. It's the ideal companion for your office or home office.

COMfortel Extention D-XT 20i (Max. 3)



Made in
Germany

do you speak
FONtevo®

Features at a glance

COMFORT FEATURES

- 6 SIP identities/accounts
- 4 simultaneous connections
- Reliability and constant availability thanks to fallback identities
- Caller ID – display phone numbers and names from the local and central telephone book from the communication server / cloud PBX¹
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX¹
- Pickup – fetch a call with pre-check
- Call parking / open inquiry¹
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX¹
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX¹
- Local 3-party conference calls via telephone or centrally via the communication server / cloud PBX¹
- Differentiation of call types through distinctive ring-tones
- Upload and administration of custom ringtones via the web interface
- Call back on busy – intuitive setup of an automatic call back¹
- Convenient management of the most important phone functions via Action URL such as
- Support of IP cameras
- Display of messages send by e.g. alarm servers (SIP messages)²
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- Synchronisation of contact and calendar data via CardDAV and CalDAV (e.g. Apple® iCloud)
- LDAP – access via SSL to central telephone books, such as OpenLDAP or Microsoft Active Directory
- Call lists for 100 missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)¹
- 5-way navigation keys
- Function keys for call forwarding/transfer and volume setting
- Function keys including LED signalling for access to the call list, voice mailbox, call on hold, headset operation, hands-free calling / listen-in function and microphone muting¹
- 20 self-labelling and freely programmable function keys with multi-coloured status signalling, displayed on the screen
- Configuration of custom images as icons for function keys via the web interface or via provisioning
- Busy Lamp Field (BLF) function for displaying the call and busy status of extensions¹
- Native OpenVPN support for telephony across all your sites
- Setting your own picture as background on the phone's home screen via provisioning
- Integration of function keys in own applications and processes via Lua templates
- Casing LED for signalling active calls and incoming calls
- Automatic backlight with adjustable brightness and switch-off time
- Microphone muting
- Wall mountable³
- Telephone tilt angle: 30° or 45°

SYSTEM FEATURES ON PROPRIETARY COMMUNICATION SERVERS

- Group login/logout
- Caller ID – display phone numbers and names from a central telephone book
- Do-not-disturb (DND)
- Pickup – fetch a call
- Call forwarding centrally via the communication server
- Access to the central telephone book incl. display of the provided contact pictures
- Online name search (reverse search)
- Busy Lamp Field (BLF) for displaying the call and busy status of extensions
- Switch central configuration profiles such as day/night switching
- Simplified loading of the system's comfort functions
- Display of the call flow, ideal for multi-company operation^{2,4}
- Professional intercom functions^{2,4}

AUDIO FEATURES

- High voice quality through echo cancellation

- Codecs: G.722 (wideband), G.711 A-law/ μ -Law, G.726, G.729, iLBC, Opus, Speex
- Comfort noise generation (CNG)
- Voice activity detection (VAD)
- Full duplex hands-free calling
- 22 ring tones
- Ringer, receiver, headset and hands-free volume can be set separately
- Headset connection via RJ-45 for cordless headsets with EHS support and wired headsets

SECURITY

- Password-protected web interface
- HTTPS server/client
- SIPS (RFC 3261) – encrypted signalling
- SRTP (RFC 3711/RFC 4568) – encrypted transfer of voice data
- Transport Layer Security (TLS)
- VLAN (IEEE 802.1q)
- VPN client integrated (IPsec, OpenVPN)

ADMINISTRATION

- Configuration via web browser (HTTPS)
- Mass installation via provisioning server: redirect server | DHCP options 66/67 | configuration update via SIP notify without restarting the telephone | transmission of settings via HTTP/HTTPS/TFTP
- Extended functions for admins (e.g. tracing, user levels, status display)²
- Localisation including language, time, date and sound
- Languages: German, English, French, Greek, Polish, Spanish, Dutch, Italian

SUPPORTED PROTOCOLS

- DHCPv4 (RFC 2131)
- DHCPv4 Option 60 (Vendor class identifier)
- DHCPv4 Option 66/67 (Hostname/Filename)
- DHCPv4 Option 132/133 (VLAN-ID/VLAN-QoS)
- DNS SRV-RR (RFC 2782)
- STUN (RFC 3489, RFC 5389, RFC 7350)
- HTTP/HTTPS (RFC 2616)
- HTTPS (RFC 2818)
- IPv4 (RFC 0791)
- IPv6 (RFC 2460, RFC 8200)
- IPv6 Dual Stack (RFC 4241)
- IPv6 Dual Stack Lite (RFC 6333)
- IPv6 SLAAC (RFC 4862)
- BLF (RFC 4235)
- LDAP (RFC 4511)
- LDAP over SSL/TLS (RFC 2830)

- NTP (RFC 958)
- RTCP (RFC 3550, RFC 3605)
- RTP (RFC 3550)
- DTMF: in-band, RTP Payload (RFC 2833, 4733), SIP-INFO
- SIP/SIPS (RFC 3261, RFC 2543)
- SRTP (RFC 3711, RFC 4568)
- TFTP (RFC 1350)
- TLS (RFC 2246)
- VLAN (IEEE 802.1q)

COMPATIBLE PRODUCTS

- 90027 / COMtrexx® Next
- 90024 / COMtrexx® Flex
- 16022 / COMtrexx® Business
- 16023 / COMtrexx® Advanced
- 16021 / COMtrexx® VM
- 16118 / COMpact 4000
- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16264 / COMfortel® D-XT20
- 16271 / COMfortel® D-XT20i
- 16267 / COMfortel® D-Mount
- 90269 / COMfortel® D-Stick EZC-5200BS
- 16668 / COMfortel® DECT Headset
- 16347 / COMfortel® H-200
- 16348 / COMfortel H-500
- 90349 / COMfortel H-600
- 16079 / COMfortel® PoE-1000
- 16074 / COMfortel® PoE-1000 UK

TECHNICAL SPECIFICATIONS

- Power supply: Power over Ethernet (PoE according to IEEE 802.3af, Class 0)
- Ethernet ports: 2 port Ethernet switch 10/100/1000 Base-T
- USB ports: 2
- System connection: Ethernet 10/100/1000 Base-T
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support
- Operating elements: keypad with vanity code, 17 dedicated function keys, 4 soft keys, 20 freely programmable function keys on the screen

do you speak
FONtevo®

- Display: TFT colour display (4.3" / 10.9 cm, 480 x 272 pixels) with capacitive touch
- LEDs: 6, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black

- Dimensions (w x h x d): 238 mm x 160/125 mm x 145/195 mm
- Weight: approx. 750 g
- Compliance: CE, EN 55032, EN 55024, EN 62368-1

DELIVERY

- Basic unit
- Handset (receiver) with connection cable
- Device stand
- Ethernet connection cable RJ-45/RJ-45
- Quick start guide

¹ Depending on the central communication server / cloud PBX

² Version 2.0A or higher

³ Optional

⁴ with COMmander/COMpact with version 8.2A (with license)

ORDERING INFORMATION

Designation: COMfortel® D-400

Article number: 16262

EAN Code: 4019377162620

FONtevo is a Trademark of
Auerswald GmbH & Co. KG
38162 Cremlingen
Infoline: +49(0) 53 06 / 92 00-710

Further information can be found at fontevo.com
07.02.2024 – Reserve technical changes
Copyright© Auerswald GmbH & Co. KG

do you speak
FONtevo®

COMfortel® D-600



High-level design – COMfortel D-600, the premium SIP device

- High-resolution 7" TFT display with capacitive touch function
- Intuitive user interface
- Innovative gesture control
- Automatic brightness control
- HD audio quality thanks to wideband

Your advantages in detail

The elegant premium SIP device COMfortel D-600 offers just about everything that makes the "office heart" beat faster. This high-end device combines sophisticated design with the most advanced technology - designed, engineered and made in Germany.

The high-resolution 7" colour display with capacitive touch is clearly structured so that you never lose track. The intuitive user interface further emphasises this. 40 self-labelling function keys displayed on the screen including status signalling are available for direct access.

The special highlight is the gesture control. - Wake up the telephone with a simple hand movement or mute the ring tone for incoming calls. Comfort is a top priority with this high-end device, e.g. the display and the illuminated keypad with automatic backlighting adapt to the ambient light. The HD audio quality thanks to wideband ensures perfect communication.

The state of the art device is both WLAN and Bluetooth compatible. Easily connect a Bluetooth headset to have more room to move and both hands free while working. Professional headsets can be connected via the EHS interface.

The COMfortel D-600 is also the perfect choice for larger extensions in the office. Up to three COMfortel D-XT20i keypad extensions can be connected to the COMfortel D-600.

Just like the COMfortel D-400, the high-end device of the D-series supports IP cameras. Configure your door intercom with an IP cam in a time-saving and convenient way via provisioning, so that in future the image of the IP cam automatically pops up on the screen while the doorbell is ringing. The corresponding function keys directly on the screen can also be used to open the door and switch on the light for the visitor.

COMfortel Extension D-XT 20i (Max. 3)



Made in
Germany

Features at a glance

COMFORT FEATURES

- 6 SIP identities/accounts
- 4 simultaneous connections
- Innovative gesture control to end idle mode or mute incoming calls
- WiFi¹
- Reliability and constant availability thanks to fallback identities
- Caller ID – display phone numbers and names from the local and central telephone book from the communication server / cloud PBX²
- Call waiting
- Reject calls
- Do-not-disturb (DND) locally via the telephone or centrally via the communication server / cloud PBX²
- Pickup – fetch a call with pre-check
- Call parking / open inquiry²
- Call forwarding/transfer of calls with and without announcement
- Call forwarding via telephone or centrally via the communication server / cloud PBX²
- Call on hold
- Local splitting via telephone or centrally via the communication server / cloud PBX²
- Local 3-party conference calls via telephone or centrally via the communication server / cloud PBX²
- Differentiation of call types through distinctive ringtones
- Upload and administration of custom ringtones via the web interface
- Call back on busy – intuitive setup of an automatic call back²
- Convenient management of the most important phone functions via Action URL such as
- Support of IP cameras
- Display of messages send by e.g. alarm servers (SIP messages)³
- Dial plan for complex dialling rules
- Telephone book, 2,000 entries locally in the telephone
- Synchronisation of contact and calendar data via CardDAV and CalDAV (e.g. Apple® iCloud)
- LDAP – access via SSL to central telephone books, such as OpenLDAP or Microsoft Active Directory
- Call lists for 100 missed, selected and accepted calls
- XML browser for displaying central function menus and lists (such as call lists, telephone books)²

- Illuminated keyboard
- 5-way navigation keys
- Function keys for call forwarding/transfer and volume setting
- 40 self-labelling and freely programmable function keys with multi-coloured status signalling, displayed on the screen, affiché à l'écran
- Configuration of custom images as icons for function keys via the web interface or via provisioning
- Function keys including LED signalling for access to the call list, voice mailbox, call on hold, headset operation, hands-free calling / listen-in function and microphone muting²
- Busy Lamp Field (BLF) function for displaying the call and busy status of extensions²
- Native OpenVPN support for telephony across all your sites
- Bluetooth support¹
- Integration of function keys in own applications and processes via Lua templates
- Casing LED for signalling active calls and incoming calls
- Setting your own picture as background on the phone's home screen via provisioning
- Automatic backlight with adjustable brightness and switch-off time
- Microphone muting
- Telephone tilt angle: 30° or 45°

SYSTEM FEATURES ON PROPRIETARY COMMUNICATION SERVERS

- Group login/logout
- Caller ID – display phone numbers and names from a central telephone book
- Do-not-disturb (DND)
- Pickup – fetch a call
- Call forwarding centrally via the communication server
- Access to the central telephone book incl. display of the provided contact pictures
- Online name search (reverse search)
- Busy Lamp Field (BLF) for displaying the call and busy status of extensions
- Switch central configuration profiles such as day/night switching
- Simplified loading of the system's comfort functions
- Display of the call flow, ideal for multi-company operation^{3,4}

- Professional intercom functions^{3,4}

AUDIO FEATURES

- High voice quality through echo cancellation
- Codecs: G.722 (wideband), G.711 A-law/ μ -Law, G.726, G.729, iLBC, Opus, Speex
- Comfort noise generation (CNG)
- Voice activity detection (VAD)
- Full duplex hands-free calling
- 22 ring tones
- Ringer, receiver, headset and hands-free volume can be set separately
- Headset connection via RJ-45 for cordless headsets with EHS support and wired headsets

SECURITY

- Password-protected web interface
- HTTPS server/client
- SIPs (RFC 3261) – encrypted signalling
- SRTP (RFC 3711/RFC 4568) – encrypted transfer of voice data
- Transport Layer Security (TLS)
- VLAN (IEEE 802.1q)
- VPN client integrated (IPsec, OpenVPN)

ADMINISTRATION

- Configuration via web browser (HTTPS)
- Mass installation via provisioning server: redirect server | DHCP options 66/67 | configuration update via SIP notify without restarting the telephone | transmission of settings via HTTP/HTTPS/TFTP
- Extended functions for admins (e.g. tracing, user levels, status display)³
- Localisation including language, time, date and sound
- Languages: German, English, French, Greek, Polish, Spanish, Dutch, Italian

SUPPORTED PROTOCOLS

- DHCPv4 (RFC 2131)
- DHCPv4 Option 60 (Vendor class identifier)
- DHCPv4 Option 66/67 (Hostname/Filename)
- DHCPv4 Option 132/133 (VLAN-ID/VLAN-QoS)
- DNS SRV-RR (RFC 2782)
- STUN (RFC 3489, RFC 5389, RFC 7350)
- HTTP/HTTPS (RFC 2616)
- HTTPS (RFC 2818)
- IPv4 (RFC 0791)
- IPv6 (RFC 2460, RFC 8200)
- IPv6 Dual Stack (RFC 4241)
- IPv6 Dual Stack Lite (RFC 6333)

- IPv6 SLAAC (RFC 4862)
- BLF (RFC 4235)
- LDAP (RFC 4511)
- LDAP over SSL/TLS (RFC 2830)
- NTP (RFC 958)
- RTCP (RFC 3550, RFC 3605)
- RTP (RFC 3550)
- DTMF: in-band, RTP Payload (RFC 2833, 4733), SIP-INFO
- SIP/SIPS (RFC 3261, RFC 2543)
- SRTP (RFC 3711, RFC 4568)
- TFTP (RFC 1350)
- TLS (RFC 2246)
- VLAN (IEEE 802.1q)

COMPATIBLE PRODUCTS

- 90023 / COMtrexx® Advanced
- 90022 / COMtrexx® Business
- 90021 / COMtrexx® VM
- 95501 / COMuniq ONE
- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R
- 90670 / COMmander® 6000
- 90671 / COMmander® 6000R
- 90672 / COMmander® 6000RX
- 90264 / COMfortel® D-XT20
- 90271 / COMfortel® D-XT20i
- 90347 / COMfortel® H-200
- 90668 / COMfortel® DECT Headset
- 90348 / COMfortel H-500
- 90274 / COMfortel® D-XT-PS

TECHNICAL SPECIFICATIONS

- Power supply: Power supply with Euro plug, 230 V +/-10 %, 50 Hz
- Ethernet ports: 2 port Ethernet switch 10/100/1000 Base-T
- USB ports: 3
- System connection: Ethernet 10/100/1000 Base-T
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support
- Operating elements: keypad with vanity code, 17 dedicated function keys, 4 soft keys, 40 freely programmable function keys on the screen
- Display: TFT colour display (7" / 17.8 cm, 1024 x 600 pixels) with capacitive touch
- LEDs: 6, some multi-coloured

- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 270 mm x 170/130 mm x 150/195 mm
- Weight: approx. 1000 g
- Compliance: CE, EN 55032, EN 55024, EN 62368-1

DELIVERY

- Basic unit
- Handset (receiver) with connection cable
- Device stand
- Ethernet connection cable RJ-45/RJ-45
- Power supply unit
- Bluetooth / WiFi Dongle
- Quick start guide

¹ Through included COMfortel D-Stick (EZ-5200BS)

² Depending on the central communication server / cloud PBX

³ Version 2.0A or higher

⁴ with COMmander/COMpact with version 8.2A (with license)

ORDERING INFORMATION

Designation: COMfortel® D-600

Article number: 90263

EAN Code: 4019377902639

COMfortel 1400IP



Android™-based hybrid VoIP telephone (SIP and IP system phone), with 3.5" colour touch display and optional answering machine



- Ability to synchronise address books and calendars via CardDav/CalDav or Apple® iCloud (optional)
- Excellent acoustic performance due to wideband and artificial bandwidth expansion in narrowband conversations
- Standard Android™ operating system allows the integration of company applications
- Encrypted signalling (SIPS) and voice data transmission (SRTP)
- Secure provisioning with device specific certificate

Your advantages in detail

When operated as a hybrid VoIP telephone, the COMfortel 1400 IP functions superbly, both as a system phone on our ICT systems and as a standard SIP telephone on a software-based PBX or IP Centrex solution from other manufacturers and providers. Use the keys and directional pad to access its functions, or use it like a smartphone, thanks to the touch functionality on its 3.5 inch display. Its ten programmable keys with built-in status LEDs can be set to provide easy access to data entry, speed dialling and SIP functions.

If the appropriate functions have been enabled by the Online Shop (optional), you can use the push service from your cloud accounts to synchronise e-mails, calendar and contact data, use the integrated answering machine and support the use of an IP camera. There is a separate interface for standard headsets. An LED on the display hood lights up when calls arrive or when messages are received in the voice-mail box (this function is especially useful when the telephone is mounted on a wall).

Made in
Germany

Features at a glance

SYSTEM AND COMFORT FEATURES

- 10 programmable function keys, 2 levels
- Programmable function keys (5) as touch function
- Automatic background illumination with adjustable brightness and switch-on time
- Individual background images and ring tones loadable
- Ringtone, handset and hands-free speaker volume adjustable
- Artificial voice bandwidth extension for consistently improved voice quality and intelligibility
- Microphone mute
- Calling number and name display (CLIP/CNIP) if registered in the local and the central phone book of the proprietary ICT system
- Online name search (reverse search), with proprietary ICT systems
- Phone book, >2,000 entries local
- Access to the central phonebook of the proprietary ICT system
- 100 list entries for callers, outgoing calls and redialling
- Power-safe mode
- Telephone lock, emergency calls possible
- Set-up angle adjustable in 3 steps
- Desktop and wall mounting

VOICEMAIL¹

- Basic activation via the Online Shop and start-up with plugging a Micro SD/SDHC card (not included)
- Announcements (25) and messages (250)
- Call acceptance and announcement dependent on type of call (int./ext./door/group)
- Total capacity depends on the used memory (1 GB represent approx. 30 h recording capacity)
- Voice recording and notepad function
- High-quality audio due to uncompressed recording
- Activation via function keys of the telephone
- Remote activation and message forwarding

ANDROID OPERATING SYSTEM

- Innovative operating concept with touch, key and gesture control
- Alphanumeric Android keyboard via touch display
- Synchronisation incl. push of contacts, calendar and e-mail via CardDav/CalDav and Apple® iCloud¹

- Free allocatable screens for apps, contacts and widgets
- Individualization with purchased or self-programmed apps

IP FEATURES

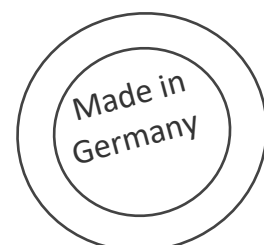
- 100 accounts, useable with 10 providers, 1 account max. as system telephone
- SIP compliant (RFC 3261)
- Encrypted signalling (SIPS), RFC3261
- Encrypted speech data transmission (SRTP), RFC 3711 and RFC 4568
- Transport Layer Security (TLS)
- HTTP/HTTPS webserver integrated
- VPN client integrated (IPsec, OpenVPN)
- Integration of external subscribers, e. g. home offices, subsidiaries
- Digest authentication (MD5)
- VoIP codec G.722 (wideband) with supporting hardware, e.g. COMpact ICT systems (firmware from 7.2), Asterisk or IP-Centrex solutions
- VoIP codecs G.711 µ-Law/a-Law and iLBC
- VoIP codec preselection
- Prioritisation of voice data (Diff Serv)
- High audio quality with echo cancellation
- Tone dialling during a call (RFC 2833, SIP Info, In-Band)
- Busy Lamp Field (BLF)
- Date and time via NTP
- LDAP
- Device control via action URLs possible
- Support of IP cameras, incl. PTZ control¹
- VLAN support (IEEE 802.1q)
- STUN (UDP over NAT)
- Mass roll outs via provisioning server (HTTP, HTTPS, FTP and TFTP)
- Power over Ethernet possible (PoE, IEEE802.3af)

COMMUNICATION PLATFORMS

- Asterisk Solutions
- IP-Centrex solutions, Hosted PBX
- Broadworks by Broadsoft

COMPATIBLE PRODUCTS

- 16118 / COMpact 4000



COMfortel 1400IP

- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16075 / COMfortel® PoE-100
- 16347 / COMfortel® H-200

TECHNICAL SPECIFICATIONS

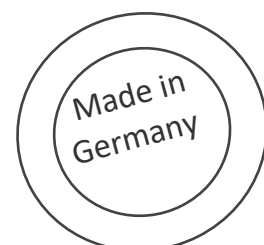
- Power supply: via PoE (according IEEE 802.3af, class 0)
- Power consumption: 2.4 W min. | 4.1 W max.
- Ethernet ports: 2 port Ethernet switch 10/100 Base-T
- System connection: Ethernet 10/100 Base-T
- Headset: separate interface for corded speaker/microphone sets
- Operating elements: dialling keys with vanity code, 13 function keys, 10 programmable function keys (2 levels)

- Memory: Micro SD/SDHC card up to 16 GB, not included
- Display: TFT colour display (3.5" / 8.9 cm, 320 x 240 pixels) with resistive touch and 65,536 colours
- LEDs: 14, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 223 mm x 148/158/168 mm x 185 mm
- Weight: approx. 980 g
- Compliance: CE

DELIVERY

- Basic unit
- Handset with connection cable
- ISDN cable RJ-45/RJ-45 (approx. 3 m long)
- Installation manual and quick start guide

¹ Paid activation required



COMfortel 2600IP

Android™-based hybrid VoIP telephone (SIP and IP system phone), with 4.3" colour touch display and preconfigured answering machine



- Synchronisation of address books and calendar with Apple® iCloud (optional)
- Excellent acoustic performance due to wideband and artificial bandwidth expansion in narrowband conversations
- Headset socket with support for wireless headsets with electronic hook switch functionality (EHS)
- Encrypted signalling (SIPS) and voice data transmission (SRTP)
- Secure provisioning with device specific certificate

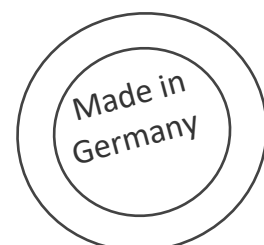
Your advantages in detail

Whether it is operating as a hybrid VoIP telephone, either as a system telephone for our IP PBXs or as a standard SIP telephone for a software-based PBX or IP Centrex solution, the COMfortel 2600 IP keeps you in command of any situation, using the keyboard, four-way navigation key or, like a smartphone, via the touch display.

Its integrated telephone book has space for more than 2,000 entries, and, if required, your e-mails, calendar and contact data can be synchronised efficiently with the cloud. Using a VPN, you can even

connect the telephone to a remote ITC PBX from home, and use its functions. SIPS and SRTP ensure no-one can listen in when you're calling over the Internet. The answering machine can be enabled with a standard SD card, and a separate interface that supports cordless EHS devices makes hands-free telephoning easier and more convenient. If the 15 individually programmable keys are not enough (for line busy, destination, system and SIP functions), you can program even more functions directly in the touch display or connect up to three key extension modules.

COMfortel Extention 300 (Max. 3)



Features at a glance

SYSTEM AND COMFORT FEATURES

- 15 programmable function keys, 2 levels
- Programmable function keys (8) as touch function in the display
- Automatic background illumination with adjustable brightness and switch-on time
- Individual background images and ring tones loadable
- Ringtone, handset and hands-free speaker volume adjustable
- Artificial voice bandwidth extension for consistently improved voice quality and intelligibility
- Microphone mute
- Calling number and name display (CLIP/CNIP) if registered in the local and the central phone book of the proprietary ICT system
- Online name search (reverse search), with proprietary ICT systems
- Phone book, >2,000 entries local
- Access to the central phonebook of the proprietary ICT system
- 100 list entries for callers, outgoing calls and redialling
- Power-safe mode
- Telephone lock, emergency calls possible
- Set-up angle adjustable in 3 steps

VOICEMAIL

- Start-up with plugging a SD/SDHC card
- Announcements (25) and messages (250)
- Call acceptance and announcement dependent on type of call (int./ext./door/group)
- Total capacity depends on the used memory (1 GB represent approx. 30 h recording capacity)
- Voice recording and notepad function
- High-quality audio due to uncompressed recording
- Activation via function keys of the telephone
- Remote activation and message forwarding

ANDROID OPERATING SYSTEM

- Innovative operating concept with touch, key and gesture control
- Alphanumeric Android keyboard via touch display
- Synchronisation incl. push of contacts, calendar and e-mail via CardDav/CalDav and Apple® iCloud¹
- Free allocatable screens for apps, contacts and widgets

- Individualization with purchased or self-programmed apps

IP FEATURES

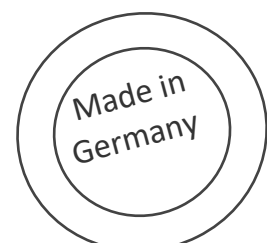
- 100 accounts, useable with 10 providers, 1 account max. as system telephone
- SIP compliant (RFC 3261)
- Encrypted signalling (SIPS), RFC3261
- Encrypted speech data transmission (SRTP), RFC 3711 and RFC 4568
- Transport Layer Security (TLS)
- HTTP/HTTPS webserver integrated
- VPN client integrated (IPsec, OpenVPN)
- Integration of external subscribers, e. g. home offices, subsidiaries
- Digest authentication (MD5)
- VoIP codec G.722 (wideband) with supporting hardware, e.g. COMpact ICT systems (firmware from 7.2), Asterisk or IP-Centrex solutions
- VoIP codecs G.711 μ -Law/a-Law and iLBC
- VoIP codec preselection
- Prioritisation of voice data (Diff Serv)
- High audio quality with echo cancellation
- Tone dialling during a call (RFC 2833, SIP Info, In-Band)
- Busy Lamp Field (BLF)
- Date and time via NTP
- LDAP
- Device control via action URLs possible
- Support of IP cameras, incl. PTZ control¹
- VLAN support (IEEE 802.1q)
- STUN (UDP over NAT)
- Mass roll outs via provisioning server (HTTP, HTTPS, FTP and TFTP)
- Power over Ethernet possible (PoE, IEEE802.3af)

COMMUNICATION PLATFORMS

- Asterisk Solutions
- IP-Centrex solutions, Hosted PBX
- Broadworks by Broadsoft

COMPATIBLE PRODUCTS

- 16118 / COMpact 4000
- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200



COMfortel 2600IP

- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16584 / COMfortel® Xtension300
- 16573 / COMfortel® XT-PS
- 16574 / COMfortel® XT-PS UK
- 16347 / COMfortel® H-200
- 16668 / COMfortel® DECT Headset
- 16348 / COMfortel H-500
- 16075 / COMfortel® PoE-100

TECHNICAL SPECIFICATIONS

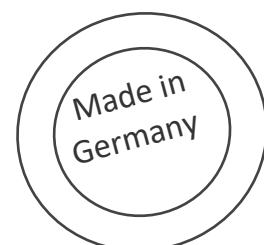
- Power supply: via PoE (according IEEE 802.3af, class 0)
- Power consumption: 2.4 W min. | 4.1 W max.
- Ethernet ports: 2 ports Ethernet switch 10/100 Base-T
- System connection: Ethernet 10/100 Base-T
- Key extension modules: up to 3 COMfortel Xtension300 modules, each with 30 function keys with 2 levels
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support

- Operating elements: dialling keys with vanity code, 12 function keys, 15 programmable function keys (2 levels)
- Memory: SD/SDHC card, up to 16 GB recommended, not included
- Display: TFT colour display (4.3" / 10,9 cm, 480 x 272 pixels) with resistive touch and 65,536 colours
- LEDs: 18, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 275 mm x 128/150/170 mm x 210 mm
- Weight: approx. 1,050 g
- Compliance: CE

DELIVERY

- Basic unit
- Handset with connection cable
- ISDN cable RJ-45/RJ-45 (approx. 3 m long)
- Installation manual and quick start guide

¹ Paid activation required



COMfortel H-200

Minimalist design with professional sound

- Flexible device connectivity
- Quick Disconnect technology
- Excellent sound quality
- Acoustic shock protection
- Ergonomic design



Your advantages in detail

With the extremely lightweight headset COMfortel H-200 you have both hands free when making phone calls or in phone and video conferences. This makes everyday office life much more efficient and comfortable, because for people who talk on the phone for more than two hours a day, a headset reduces neck pain and tension in the upper back area.

The solid, 300-degree adjustable headband can be worn on either side and ensures a perfect fit. With excellent sound quality and noise suppression, harmful sound level peaks are cut off before they enter the ear. This keeps the noise level within safe limits and protects your hearing. Despite the corded headset,

with the COMfortel H-200 you enjoy the freedom to move away from your desk without having to take off the headset. The Quick Disconnect cable can be easily disconnected, your call is held until you reconnect the cable.

The COMfortel H-200 is universally applicable. You can connect it to all common desktop phones* either via the connection cable included in the scope of delivery or via a separately available USB cable (article no. 90081) to your laptop or PC.

***For the COMfortel 600/1400/1600 and COMfortel 1400 IP you need a 4-Pin cable (article no. 90080).**



Made in
Germany

COMfortel H-200

Features at a glance

FUNCTIONS

- Individual volume control¹
- Acoustic shock protection
- Noise cancellation
- Flexible earpads provide comfort for any user
- Adjustable microphone holder and head band

COMPATIBLE PRODUCTS

- 90064 / COMfortel® 600
- 16069 / COMfortel® 1400
- 16071 / COMfortel® 1400 IP
- 16114 / COMfortel® 1600
- 16116 / COMfortel® 2600
- 16073 / COMfortel® 2600 IP
- 16362 / COMfortel® 3600 IP
- 16260 / COMfortel® D-100
- 16277 / COMfortel® D-110

- 16261 / COMfortel® D-200
- 16278 / COMfortel® D-210
- 16262 / COMfortel® D-400
- 16263 / COMfortel® D-600

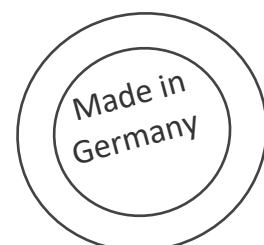
TECHNICAL SPECIFICATIONS

- Frequency range of speaker: 100 Hz – 20 kHz
- Frequency range of microphone: 150 Hz – 7 kHz
- Connection: Quick Disconnect
- Weight: approx. 64 g
- Compliance: CE

DELIVERY

- Headset with connection cable for connecting at the DSHG interface of some COMfortel models
- Clothing clip
- Foam ear cushion
- Foam wind shield

¹ depends on the telephone



COMfortel H-600



Highly ergonomic professional DECT headset for interference-free wireless communication

- Excellent sound quality thanks to wideband audio and Sound Shield™
- Better communication due to microphone boom with Surround Shield™
- Accept and end calls, volume control and microphone muting, busy indicator directly on the headset
- Ergonomic, extremely comfortable design
- Capable: extra long talk time, fast recharge

Your advantages in detail

With the COMfortel H-600 you can make the handling of calls in your daily business as productive and cost-efficient as possible. Regardless of whether telephony in your company is managed via soft client, smartphone, or desktop phone. In the future, you will only need one DECT headset at fixed workstations to ensure connectivity with numerous communication channels.

In addition to crystal-clear communication and the highest acoustic quality, the COMfortel H-600 offers comfortable wearing for many hours. With up to nine hours of real talk time (six to seven hours with wideband audio) and around 50 hours in standby mode, the battery holds enough power for a whole working day. Another plus is the "Quick Recharge", which fully charges the battery within 60-90min.

With an activity range of up to 100m, calls can be made stably even beyond the workplace. And if you do move too far from the base, the range warning alerts you.

The DHSG support enables even more operating comfort: you can accept calls directly at the headset. Here you can also adjust the volume or activate the mute function in case of queries.

The COMfortel H-600 offers improved acoustic features and a newly designed microphone boom with unique Surround Shield™ ambient noise cancellation. But thanks to the wideband speaker with Sound Shield™, you can also hear the conversation clearly.

The COMfortel H-600 also scores in terms of sustainability and investment protection. The high-quality workmanship and the possibility of battery replacement by qualified personnel pay off in the long term.

* With the optional expansion modules, the COMfortel H-600 can be used flexibly with numerous softphone and conferencing applications via USB connection.

Made in
Germany

COMfortel H-600

Features at a glance

FUNCTIONS

- Excellent sound quality attempts wideband audio
- Acoustic shock protection by Sound Shield™ technology
- Easy answer, call ending, microphone mute and adjustable volume directly at the headset
- Display "call aktive" on the headset
- Operation keys on the base: mute, switch over to USB or Bluetooth
- LED pour recharger, appel en cours, PC/Bluetooth active, silencieux
- Extra long talk time (up to 7 hours even at Wideband)
- Adjustable headband
- Innovative and ergonomic design with wearing comfort
- Microphone with Surround Shield™ (perfect suppression of ambient noise)
- Optional: Headband with second loudspeaker (binaural)
- Auto pickup when headset is removed from base unit
- Out-of-range alert
- Automatic pairing of base and headset
- Easy adjustment of the microphone volume on the base

COMPATIBLE PRODUCTS

- 16277 / COMfortel® D-110
- 16278 / COMfortel® D-210
- 16262 / COMfortel® D-400
- 16263 / COMfortel® D-600
- 16116 / COMfortel® 2600
- 16073 / COMfortel® 2600 IP

TECHNICAL SPECIFICATIONS

System

- Transmission protocol: DECT 6.0 (1,88 GHz)
- Range: 100 m outdoors and 50 m indoors, subject to the ambient and building conditions
- Compliance: CE

Base

- Operating voltage: external power supply with Euro or UK plug, 100-230 V, 50/60 Hz, 0,3 A
- System connection: EHS phone connection via adapter
- Optional: USB module for e.g. PC connection
- Displays: Charging, in-use, PC/Bluetooth in use, mute
- Casing material: plastic
- Colour: black
- Dimensions (w x h x d): 95 mm x 120 mm x 95 mm

Headset

- Operating voltage (headset): via lithium-ion polymer battery
- Indicators: 1 LED as busy indicator
- Talk time: up to 7 h (wide band audio)
- Standby time: approx. 50 h
- Battery charge time: 60-90 mins. (fast recharge)
- Casing material: plastic
- Dimensions, without headband (W x H x D): 45 mm x 15 mm x 143 mm
- Weight: approx. 81 g with headband

DELIVERY

- Base unit
- Headset
- Headband, adjustable with ear pad
- Power supply
- EHS connection cable
- RJ9-RJ9 handset cable
- Setup guide



The standard DECT base station for up to 6 handsets

Highlights

- Base can be set up flexibly
- Registration of up to 6 handsets*
- Simple operation via registered handsets*



The Gigaset N210 PRO is an analogue DECT phone base that is compatible with all Gigaset professional handsets, allowing flexible and individual configuration of your business phone system. Thanks to DECT technology, registered Professional handsets can be positioned separately from the N210 PRO and freely located throughout the building.

Flexible configuration of your individual phone system

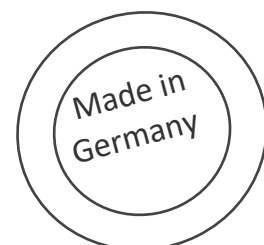
With the Gigaset N210 PRO, you can create your own telephone system entirely according to your wishes, as it can be combined with a large selection of Gigaset handsets. For business use, we recommend the Gigaset Professional handsets, as they have been optimized for the demands of everyday work. Up to six professional handsets can be registered with the box and two calls can be made at the same time: One external and one internal call between two handsets, internal calls are free of charge. The internal handset name can be customised - depending on the person or room.

Compact size with high range

With its discreet and compact design, the N210 PRO fits unobtrusively into any interior. It can also be mounted on the wall to save space. Thanks to DECT technology, the registered professional handsets can be positioned separately from the N210 PRO and freely placed anywhere in the building. With a range of up to 50 meters indoors and up to 300 meters outdoors, the N210 PRO ensures that no call is lost. If required, coverage can be extended with Gigaset repeaters.

Easy connection and operation

Connect the N210 PRO either to the telephone wall socket or to the port on the router using the telephone connection cable provided. Installing and registering the handsets is also child's play, so you can be reached anywhere in the building within minutes. You simply configure the N210 PRO via the registered Professional handsets. Save yourself the hassle of typing in phone numbers, because the phonebook transfer function lets you conveniently transfer contacts to other registered handsets.



Technical Specifications

Ordering Information	Colour	White			
Functions	Wall or ceiling mounting	yes			
Signalling & display indications	Missed call	Display of missed calls via registered handset			
	Device name	Handset name editable			
	CLIP	Synchronisation of the time via CLIP information			
Dial functions	Dialling procedure	<ul style="list-style-type: none"> • Tone dialling (DTMF) • Pulse dialing (IWW) 			
Range	DECT	Outdoors: up to 300m; indoors: up to 50m			
	Range increase	Increased range with Gigaset Repeater / Gigaset Repeater HX			
Operation of several handsets	Simultaneous calls	2 simultaneous calls possible (1 external and 1 internal between 2 handsets)			
	Operation of multiple handsets	Up to 6 handsets can be registered			
	Phone book transfer	Phone book transfer between handsets			
	Internal telephone calls	<ul style="list-style-type: none"> • Internal call to all or selected handsets • Toll-free internal calls 			
	Call forwarding	Transferring a call to another handset, with enquiry / recall function.			
Power supply	Data backup	Date and time secured in case of power failure			
	Power supply unit	230V plug-in power supply unit			
ECO-DECT	Reduction of the transmitting power	Automatic reduction of radio power depending on the distance of the handset to the base station			
	Radiation-free	Radiation-free in standby mode, even when operating several handsets, if the base and all registered handsets support ECO DECT			
Compatibility	Standards	<ul style="list-style-type: none"> • DECT • GAP 			
Connectivity	Analogue telephone connection	Connection of an external telephone line (a/b)			
	Connection type	Analogue			
Dimensions & Weights	Device	Height	Width	Depth	Weight
	Base station	92 mm	120 mm	40 mm	116 g
Scope Of Delivery	1x	Base station			
	1x	Power adaptor			
	1x	Telephone connection cable (RJ11-RJ11)			
	1x	Telephone connection cable (RJ11-RJ45)			
	1x	Safety instructions			

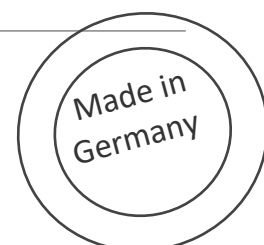
*)

Footnotes

Gigaset recommends the use of Gigaset Professional handsets

Herausgegeben von Gigaset Communications GmbH. Alle Rechte, Liefermöglichkeiten und Änderungen in Technik und Design vorbehalten.
 Die in diesem Dokument verwendeten Produktnamen sind Warenzeichen oder eingetragene Warenzeichen Ihrer jeweiligen Inhaber. ProDSION-DE-0221

Version 20.06.2022



Gigaset N530 IP PRO

The DECT IP base for mobile communication in small businesses

VoIP

Highlights:

- oSingle cell system up to 8 handsets / SIP accounts
- oUp to 8 parallel calls
- oFree internal calls
- oMultiple accounts/lines per handset
- oCentral Phonebook: 500 entries
- oProfessional zero-touch configuration via auto-provisioning
- oEnd-to-end signaling and voice encryption
- oSoftware update over the air (SUOTA)
- oStatus LED and key for handset registration, paging, reset
- oPower over Ethernet (PoE)



The N530 IP PRO is the DECT IP base station for small businesses that supports all available Gigaset professional DECT handsets. Users benefit from flexible communication with exceptional sound quality. The N530 IP PRO is compatible with common VoIP providers and PBX systems. Zero-touch installation ensures quick and easy configuration.

DECT technology with full security

DECT technology is secure because its digital and encrypted. Eavesdropping on a conversation is not possible wirelessly. In the N530 IP System, SIP Security is added to the security of the network. End to end security is now ensured. Security includes SRTP/SIPS/TLS, LDAP(S) and HTTPS.

Connectivity

Proven and optimized SIP technology guarantees high compatibility. The N530 IP PRO DECT base station is interoperable with many platforms and network providers. A full and actual list of platforms, providers and handset compatibility can be found on our wiki.gigaset.com.

Flexible deployment

All recent professional handsets from Gigaset are compatible with N530 and integrate smoothly. Connect up to 8 handsets and increase the DECT range with up to 6 repeaters.

Easy setup and configuration

The administrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files and support of standard protocols makes configuration extremely easy and fast.



Gigaset

Technical Specifications

Keyboard	Functions	<ul style="list-style-type: none"> • Handset registration • Paging to find handsets and display the IP address on the handset display • Reset
	Base station button	<ul style="list-style-type: none"> • Illuminated button with status indication
Audio	Codecs	<ul style="list-style-type: none"> • G.711 a-law • G.711 μ-law • G.722 • G.729a
Connect to network mailbox/ answering machine	Power failure protection	<ul style="list-style-type: none"> • Recordings are protected against power outages indefinitely
Phonebook	Central contacts	<ul style="list-style-type: none"> • Address book for up to 500 entries • 3 telephone numbers per entry (DECT handset) • An entry contains name and first name • Phone number can be categorized by office, mobile and home • Phone number editable: edit, save and delete • Phone list editable: copy, save and delete • Phone list searchable (instant search) by phone numbers and names • Contacts import
	Online directories	<ul style="list-style-type: none"> • XML directories • XSI directories (BroadSoft)
	Call lists	<ul style="list-style-type: none"> • Call lists for up to 50 entries • Phone numbers can be saved from the call list • Call lists with phone number (CLIP/CNIP) and date/time for all calls and for outgoing, received or missed calls
Telephony	Telephony devices	<ul style="list-style-type: none"> • Add and manage up to 8 DECT devices • Handset details: name (editable), internal number assignment and replace handset
	Repeater	<ul style="list-style-type: none"> • Extend DECT coverage area with up to 6 repeaters
	Functions	<ul style="list-style-type: none"> • Display of the individual name of each telephone device (editable) • Message display (MWI) adjustable • Number assignment per connection for outgoing and incoming calls • Internal phone numbers adjustable
	VoIP	<ul style="list-style-type: none"> • Up to 8 SIP accounts • Assign SIP accounts individually to handsets (especially sending and receiving direction) • SIP (RFC3261, RFC2396, RFC2976) • DTMF (SIP Info / RFC 2833, in-band)
	DECT	<ul style="list-style-type: none"> • 8 concurrent calls
Signalling & display indications	CLIP	<ul style="list-style-type: none"> • CLIP, CNIP: Name display for incoming calls, outgoing calls, missed calls and the dialled number

Power supply	Power supply unit	<ul style="list-style-type: none"> Power over Ethernet: PoE IEEE 802.3af class 1
Connectivity	Frequency	<ul style="list-style-type: none"> 1880–1900 MHz (Europe), 1910-1930 MHz (Latin America), 1910-1920 MHz (Brazil) 1880 MHz - 1895 MHz (South East Asia/Taiwan)
	LAN connection	<ul style="list-style-type: none"> Ethernet RJ45 10/100 Mbps
	Repeater	<ul style="list-style-type: none"> Extension of the range possible with Gigaset Repeater HX
Compatibility	Standards	<ul style="list-style-type: none"> DECT EN 300 175-x Standards: GAP / Supplier Specific Common Access Profile for Cordless and Wireless DECT radio coverage up to 50 m (indoor) and 300 m (outdoor) Support of 120 DECT channels
Functions	Desk operation	<ul style="list-style-type: none"> Yes
	Wall mountable	<ul style="list-style-type: none"> Yes
Regulations - Specifications	Approvals	<ul style="list-style-type: none"> Approvals: CE
	Protection class	<ul style="list-style-type: none"> Protection class IP40
Dial functions	Functions	<ul style="list-style-type: none"> Call forwarding: CFU, CFNR, CFB Call forwarding (RFC5589) Transfer call: with enquiry, without enquiry, blindly Hold/Make/Resume Call Call waiting, forwarding, hold, swap, conference (with consultation and ad hoc), call forwarding (with consultation and blind) Time controlled redirection Call waiting can be activated/deactivated per telephone device Display for number of missed calls/new voice messages can be activated/deactivated
	Dialing functions	<ul style="list-style-type: none"> Call forwarding Calls for a registered phone can be diverted Call forwarding can be activated/deactivated (always, on busy and on no answer) Call forwarding rules (can be activated/deactivated, manual or time controlled) can be shown on the telephone display (adjustable)
	Area code	<ul style="list-style-type: none"> Area code and prefix numbers editable Dialing codes can be added to outgoing numbers (can be activated/deactivated) Area code (country code and area code) Country codes are selectable by presets
	Dialing rules	<ul style="list-style-type: none"> Manage and configure dialing rules Dialing rules searchable (instant search) by phone number and comment Enter phone number and comment Prefixes can be used Dialing rules can be activated/deactivated
	Simultaneous calls	<ul style="list-style-type: none"> 8 simultaneous external calls
	Conference calls	<ul style="list-style-type: none"> Conference calls with 3 participants
	Dialing procedure	<ul style="list-style-type: none"> DTMF (SIP Info/RFC4733, In-Band) Multi-frequency dialing (DTMF)
	Redial	<ul style="list-style-type: none"> Direct dialing from the call list possible

Menu	Operation	<ul style="list-style-type: none"> Simple configuration via web browser Intuitive menu navigation for easy operation Convenient menu navigation in different languages (ENG, FRA, ESP, ITA, GER, POL, RUS, CZE, GRC, PRT, NLD and TUR)
Range	DECT	<ul style="list-style-type: none"> Outdoors: up to 300m; indoors: up to 50m
	Range increase	<ul style="list-style-type: none"> Increased range with Gigaset Repeater HX
Operation of several handsets	Number of handsets	<ul style="list-style-type: none"> Up to 8 Gigaset DECT handsets can be registered For more information: wiki.gigaset.com
	Internal telephone calls	<ul style="list-style-type: none"> Toll-free internal calls Assign internal number and name to a handset: <ul style="list-style-type: none"> oPerform free internal calls oInternal consultation call oTransfer external call to an internal party
Configuration via web browser	Web configurator	<ul style="list-style-type: none"> Administrator friendly configuration via configuration file User specific Auto-provisioning: <ul style="list-style-type: none"> o via MAC address o via XML configuration file Firmware upgrade / downgrade Backup and restore functions Log to external syslog servers
Network specifications	LAN	<ul style="list-style-type: none"> Ethernet RJ45 1000 Mbps 10/100/1000 Base-T Auto MDI/MDIX Ethernet LAN Port (802.3/u/ab) IPv4 address type: static and automatic Subnet mask supported Standard gateway Preferred DNS server is supported Supports alternative DNS servers
	Network	<ul style="list-style-type: none"> SNTP DNS SRV-RR (RFC2782) VLAN (IEEE 802.1q), VLAN identifier (LAN), VLAN priority (LAN) 802.1x, Link Layer Discovery Protocol (LLDP) Operation on routers with automatic assignment of the IO address (DHCP) DHCP (Option: 60, 114, 120) DHCPv4 (RFC2131) SIP (RFC3261, RFC2543, RFC2396) SDP (Session Description Protocol, RFC4566, RFC3264, RFC3555) RTP (RFC3551, RFC3555, RFC2833) SRTP HTTP HTTPS
	Network standard	<ul style="list-style-type: none"> Internet protocol: IPv4 (RFC0791) DNS SVR (Domain Name System) TCP, UDP
	Security	<ul style="list-style-type: none"> TLS 1.1/1.2/1.3 for HTTPS and SIP, SIP over TLS SRTP (RFC3711), TLS (RFC5246), SIP over TLS Accept/activate/deactivate all certificates Display of certificate name and type Edit certificates: Show details, remove Import certificates

		<ul style="list-style-type: none"> • Client certificate support (certificate and private key uploadable) • HTTP authentication (HTTP digest username, HTTP digest password) • HTTPS (Server/Client) • HTTPS web access to the device manager
	Quality of service	<ul style="list-style-type: none"> • Class of Service (CoS) • Bandwidth management for prioritizing services • QoS (RFC2474, RFC2475) • SIP ToS, Diffserv • RTP ToS, Diffserv • DSCP • Differentiated Services Code Point (DSCP) support • IEEE 802.1q • IEEE 802.1p port-based priority on LAN port, application-based priority on WAN port • IEEE 802.1Q VLAN tagging
	Provisioning	<ul style="list-style-type: none"> • Auto-provisioning via HTTP/HTTPS • User-specific auto-provisioning via MAC address and XML configuration file • Backup and restore functions • Firmware upgrade/downgrade • Data server (URL) editable • Provisioning process can be started manually
	Maintenance and service	<ul style="list-style-type: none"> • Firmware updates via the web configurator • Save and Restore • Syslog • Event logging: local and syslog • PCAP tracing

Dimensions & weights	Base station	<ul style="list-style-type: none"> • Base station: 105 x 132 x 46 mm (H x W x D) • Weight (approximately): 146 g
----------------------	--------------	--

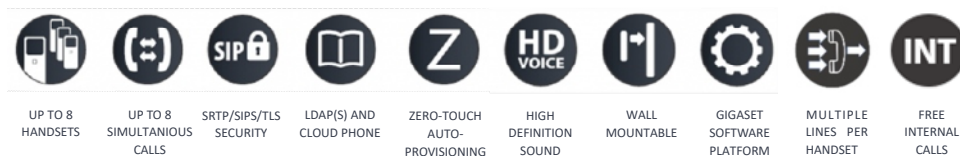
Ordering information	Color	<ul style="list-style-type: none"> • White
----------------------	-------	---

Scope of delivery	1x	<ul style="list-style-type: none"> • Base station
	1x	<ul style="list-style-type: none"> • LAN cable
	1x	<ul style="list-style-type: none"> • Security leaflet
	1x	<ul style="list-style-type: none"> • Quick Start Guide
	1x	<ul style="list-style-type: none"> • Power supply

Datasheet Version 19.02.2025

The professional IP DECT base singlecell system for mobile communication in small companies

The Gigaset N610 IP PRO is the choice for cordless telephony convenience for up to 8 users. Up to 8 parallel calls guarantee a high degree of readiness in your business environment. Assign multiple lines to a handset and perform internal calls for free. Calls are secure due to SRTP and TLS. Contacts are always at hand on N610's central phonebook, or can be connected via LDAP, XML. With possibility to create own xhtml applications, users can access and control data relevant for business tasks. N610 is compatible to a large number of on-premise and cloud PBXs and easy to setup by autoprovisioning. It can be extended by up to 6 Gigaset repeaters to reach a larger DECT coverage area.



Feature highlights

- Single cell system up to 8 users / SIP accounts / handsets
- Up to 8 parallel calls
- Free internal calls
- Multiple accounts/lines per handset
- Central Phonebook: 2000 entries
- LDAP(S) phonebook
- Professional zero-touch configuration via auto-provisioning
- XHTML applications by customer
- End-to-end signalling and voice encryption
- LEDs on front for status and visual power check
- Software update over the air (SUOTA)¹

DECT technology with full security

DECT Technology is secure because its digital and encrypted. Eavesdropping on a conversation is not possible wirelessly. In the N610 IP System, SIP Security is added to the security of the network. End to end security is now ensured². Security includes SRTP/SIPS/TLS, LDAP(S) and HTTPS.

Connectivity

The N610 IP DECT base station is interoperable with many platforms and network providers. All recent professional handsets from Gigaset are compatible with N610 and integrate smoothly. Connect up to 8 handsets and up to 6 DECT repeaters to increase the range of the handsets.

A full and actual list from platforms, providers and handset compatibility can be found on our wiki.

Easy setup and configuration

Administrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files, profiles and support of standard protocols make configuration extremely easy and fast.

Made in
Germany

The professional IP DECT base singlecell system for mobile communication in small companies

Technical data

- Phonebook and dialing
- Link to an external LDAP(S) phonebooks (up to 10)
- XML directories
- XSI directories (BroadSoft)
- Central directory, hosted by N610, 2000 entries
- Search function and reverse lookup online
- Name indication for incoming calls, outgoing calls, missed call list, redial list
- DTMF (SIP Info / RFC 2833, in-band)
- Country specific call progress tones (provisionable)
- CLIP, CNIP: Name indication for incoming calls, outgoing calls, missed call list, redial list
- Name replacement from local phonebook and online directories (auto lookup)
- Calls lists: up to 50 calls (missed, received, dialled)
- SIP MWI (Message Waiting Indicator) signalling for voice mail

Software

- Easy configuration via web browser
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning:
 - via MAC address
 - via XML configuration file
- Firmware upgrade / downgrade
- Backup and restore functions
- Log to external syslog servers

Hardware

- Wall- or ceiling mountable
- Antenna diversity
- 2 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet: PoE IEEE 802.3af class 1
- Two-year warranty

Special features

- Up to 8 SIP accounts Multiline:
- Assign several lines/accounts to a handset
- Define send- and receive accounts for a handset Internal telephony:
 - Assign internal number and name to a handset
 - Perform free internal calls
 - Internal consultation call
 - Transfer external call to an internal party
 - MWI signaling configurable
 - Failover: DNS SRV, Failover server
 - Connect DECT sync/a-sync state with SIP registration (Handset off or out of range / de-register SIP)
- Auto-provisioning
- xHTML Applications
- Local 3-Way Conference

N610 IP PRO – System setup



Made in
Germany



The professional IP DECT base singlecell system for mobile communication in small companies

Service

- Syslog
- PCAP tracing
- SNMPv3
- CLI - Command Line Interface for specific service cases
- Save and Restore
- Base station remote reset by power procedure
- Firmware update from server (file based,scheduled)

- Technical specifications
- DECT EN 300 175-x
- Standards: GAP / pnCAP
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)
- Support of 120 DECT channels
- TLS10/11/12/13 for HTTPS and SIP,SIPS
- SIP (RFC3261,RFC2396, RFC2976)
- HTTP/Digest Authentication (RFC2617)
- Locating SIP Server (RFC3263)
- Call Transfer (RFC5589,RFC3515,RFC3891,RFC3892)
- MWI (RFC3265,RFC3842)
- SDP (RFC4566,RFC3264, RFC3555)
- RTP (RFC3550,RFC3551,RFC3555,RFC2833),SRTP,RTCP
- IPv4,IPv6¹,SNTP,DHCP (Option 1,3,6,12,15,28,42,114,120), DNS,TCP,UDP,VLAN (IEEE 802.1q)
- DNS SRV
- 8 simultaneous calls (G711)
- Codecs G711,G722,G729ab
- VAD/CNG (for G729ab)
- QoS (RFC2474, RFC2475)
- Approvals: CE

Platform features

N610 supports many platforms,incl.Broadsoft,Asterisk and 3CX.
Visit the wikigigasetpro.com,for the latest overview and status.

General Platform features²:

- Network AM
- Call transfer: attended,un-attended,blind
- Call waiting
- Call hold/toggle/resume
- Call reject
- CLIR
- Call forwarding: CFU,CFNR,CFB
- Distinctive Ring (Internal/External/group/door/emergency/ optional)
- Auto-provisioning
- Net directories via LDAP(S)



The professional IP DECT base singlecell system for mobile communication in small companies

Gigaset N610 components

Gigaset N610 IP PRO:

Order number S3085 2-H2709-R101

Power supplies

- EU: Order Nr.L362 80-Z4-X706
- UK: Order Nr.L362 80-Z4-X745

Dimensions and weight

Packaging

- Dimension (L x W x H), 223 mm x 163 mm x 65 mm
- Weight approx: 380 grams **Device**
- Colour of the Housing: White/Silver
- Dimensions (L x W x H), 180 mm x 110 mm x 42 mm
- Weight approx: 220 grams

Environmental conditions

- Protection class IP20 (indoor)
- Operating temp: +5°C to +45 °C
- Storage temp: -20°C to +70°C
- Relative Humidity: 20 % - 75 % non-condensation

Box contents

- Main device
- Security leaflet
- Power supply
- Screws

Compatible DECT end devices from the professional series



S700 PRO

- Large illuminated 2.4" TFT colour display
- Intuitive user interface for easy operation
- Headset operation via Bluetooth 4.2 or 3.5mm jack
- Separately programmable alarm button
- Quickly select audio profiles using a separate key
- Scratch and disinfectant resistant
- Up to 12h talk time, up to 300h standby time



R700 PRO R700 Protect PRO

- Shockproof, dustproof and waterproof according to IP65
- Non-slip rubberised surface
- Large illuminated 2.4" TFT colour display
- Headset operation via Bluetooth 4.2 or 3.5mm jack
- Spot LED as torch and for call signalling
- Disinfectant resistant and scratch proof surface
- Up to 13h talk time, up to 320h standby time



SL800 PRO

- Slim design
- Large illuminated 2.4" TFT colour display
- Headset operation via Bluetooth® 4.2 or 3.5mm jack
- Up to 15h talk time and 300h standby time
- Quickly select audio profiles using a separate key
- Scratch and disinfectant resistant
- Vibrating alarm

Gigaset N670 IP PRO

The professional IP DECT base station for high demands in your business

The Gigaset N670 IP PRO is the choice for cordless telephony convenience for up to 20 users. Up to 8 parallel calls guarantee a high degree of readiness in your business environment. Calls are secure due to SRTP. Contacts are always at hand on N670's central phonebook, or can be connected via LDAP, XML. With possibility to create own xhtml applications, users can access and control data relevant for business tasks. N670 is compatible to a large number of on-premise and cloud PBXs and easy to setup by autoprovisioning. N670 can grow with your business: By license it can be upgraded to multicell and extended by further base stations to reach a larger DECT coverage area. The Gigaset N870 Integrator software offers central management of N670 in different locations.



UP TO
250 HANDSETS



UP TO 8
SIMULTANEOUS
CALLS



UPGRADE TO
MULTICELL



REDUNDANCY,
SRTP/SIPS/TLS
SECURITY



LDAP(S) AND
CLOUD PHONE
BOOKS



ZERO-TOUCH
AUTO-
PROVISIONING



REMOTE
MANAGEMENT



HD
VOICE



WALL
MOUNTABLE



GIGASET
SOFTWARE
PLATFORM

Feature highlights:

- Single cell system up to 20 users / SIP accounts / handsets (via License upgrade to N670 multi-cell with up to 250 users)
- Up to 8 parallel calls
- Central management of up to 300 N670 in different locations by N870 Integrator software
- LDAP(S) phonebook
- Professional zero-touch configuration via auto-provisioning
- IPUI, fixed numbering or via placeholder
- uaCSTA support for CTI-integration
- XHTML applications by customer
- End-to-end signalling and voice encryption
- LEDs on front for status and visual power check
- Software update over the air (SUOTA)¹

DECT technology with full security

DECT Technology is secure because its digital and encrypted. Eavesdropping on a conversation is not possible wirelessly. In the N670IP System, SIP Security is added to the security of the network. End to end security is now ensured¹. Security includes SRTP/SIPS/TLS, LDAP(S) and HTTPS.

Scalable and future-proof

The N670 DECT Multicell System is an expandable solution for any organisation. Start small and expand later when your business is requesting more users. Upgrade to multicell by license and support up to 60 base stations and 250 users. Combine different floors, buildings to one large communication network.

Connectivity

The N670 IP DECT base station is interoperable with many platforms and network providers. All recent professional handsets from Gigaset are compatible with N670 and integrate smoothly. A full and actual list from platforms, providers and handset compatibility can be found on our wiki.

Easy setup and configuration

Administrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files, profiles and support of standard protocols make configuration extremely easy and fast.



Gigaset N670 IP PRO

N670 IP

The professional IP DECT base station for high demands in your business

Technical data

Phonebook and dialling

- Link to an external LDAP(S) phonebooks (up to 10)
- XML directories
- XSI directories (BroadSoft)
- Central directory, hosted by N670
- Search function and reverse lookup online
- Name indication for incoming calls, outgoing calls, missed call list, redial list
- DTMF (SIP Info / RFC 2833, in-band)
- Country specific call progress tones (provisionable)
- CLIP, CNIP: Name indication for incoming calls, outgoing calls, missed call list, redial list
- Name replacement from local phonebook and online directories (auto lookup)
- Calls lists: up to 50 calls (missed, received, dialled)
- XSI Call logs (Broadsoft)
- SIP MWI (Message Waiting Indicator) signalling for voice mail

Software

- Easy configuration via web browser
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning:
 - via MAC address
 - via XML configuration file

- Firmware upgrade / downgrade
- Backup and restore functions
- Log to external syslog servers

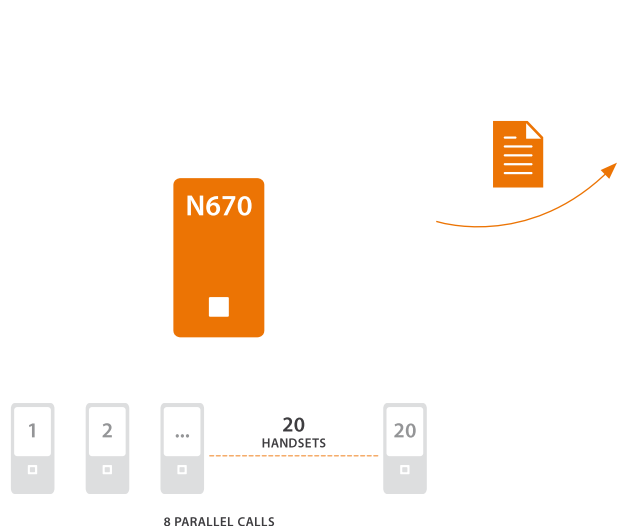
Hardware

- Wall- or ceiling mountable
- Antenna diversity
- 2 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet: PoE IEEE 802.3af class 1
- Colour: polar white SF9063
- Dimension: 180 mm (H) x 110 mm (W) x 42 mm (D)
- Two-year warranty
- up to 20 accounts (1 for each user)
- MWI signalling configurable
- Failover: DNS SRV, Failover server
- Connect DECT sync/a-sync state with SIP registration (Handset off or out of range / de-register SIP)
- IPUI Provisioning
- xHTML Applications
- uaCSTA
- local 3-Way Conference

Upgrade the singlecell to a multicell

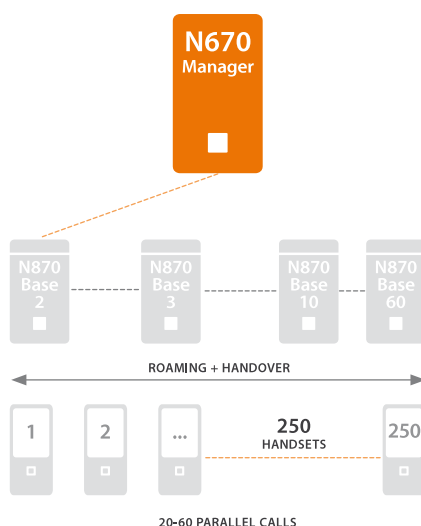
Singlecell

DECT Manager and base in one



Multicell

DECT Manager and base in one



Service

- Syslog
- PCAP tracing
- SNMPv3
- CLI - Command Line Interface for specific service cases
- Save and Restore
- Base station remote reset by power procedure
- Firmware update from server, file based, scheduled, automatically updating all base stations
- Visualization Tool

Gigaset N870 Integrator software

- Central management of up to 300 N670 in different locations

Technical specifications

- DECT EN 300 175-x
- Standards: GAP / pCAP
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)
- Support of 120 DECT channels
- TLS1.0/1.1/1.2 for HTTPS and SIP, SIPS
- SIP (RFC3261, RFC2396, RFC2976)
- HTTP/Digest Authentication (RFC2617)
- Locating SIP Server (RFC3263)
- Call Transfer (RFC5589, RFC3515, RFC3891, RFC3892)
- MWI (RFC3265, RFC3842)
- SDP (RFC4566, RFC3264, RFC3555)
- RTP (RFC3550, RFC3551, RFC3555, RFC2833), SRTP, RTCP
- IPv4, IPv6¹, SNTP, DHCP (Option 1, 3, 6, 12, 15, 28, 42, 114, 120), DNS, TCP, UDP, VLAN (IEEE 802.1q)
- DNS SRV
- 8 simultaneous calls (G.711)
- Codecs G.711, G.722, G.729ab
- VAD/CNG (for G.729ab)
- QoS (RFC2474, RFC2475)
- Approvals: CE

Platform features

N670 supports many platforms, incl. Broadsoft, Asterisk and 3CX. Visit the wiki.gigasetpro.com, for the latest overview and status.

General Platform features include:

- Network AM
- Call transfer: attended, un-attended, semi-tended, blind
- Call waiting
- Call hold/toggle/resume
- Call reject
- CLIR
- Call forwarding: CFU, CFNR, CFB
- Distinctive Ring (Internal/External/group/door/emergency/ optional)
- Auto-provisioning
- Net directories via LDAP(S)
- Group Pick-up

Dimensions and weight

Packaging

- Dimension (l x w x h), 223 x 163 x 65 mm
- Weight approx.: 380 grams

Device

- Colour of the Housing: White
- Dimensions (l x w x h), 180 mm (H) x 110 mm (W) x 42 mm (D)
- Weight approx.: 220 grams

Environmental conditions

- Protection class IP20 (indoor)
- Operating temp: +5° to +45° C
- Storage temp: -20° to +70° C
- Relative Humidity: 20 % - 75 % non-condensation

Box contents

- Main device
- Security leaflet
- Screws

Gigaset N670 components

Gigaset N670 IP PRO:

Order number S30852-H2714-R101

N670 upgrade to multi cell license: S30852-H2714-X1

Gigaset N870 Virtual Integrator software

N870 Virtual Integrator SW license: S30852-H2716-X1

N670 DECT Manager license: S30852-H2714-X2

Power supplies

Optional, if no PoE/PoE injector available

- EU: Order Nr. L36280-Z4-X706
- UK: Order Nr. L36280-Z4-X745

Compatible DECT end devices from the Professional Series

**S650H**

- Comfort-edition
- Bluetooth
- HD Audio and HD Voice
- Handsfree
- Auto-provisioning via IPUI
- Talktime 12h, standby 300h
- Resistant to scratches / disinfectants

**R650H**

- Active-edition
- IP65; shock, dust and water jets resistant
- Large TFT display
- Rubber surface
- Auto-provisioning via IPUI
- Talktime 14h, standby 320h

**SL750H**

- Micro-edition
- Large TFT 2.4" Display
- Bluetooth
- Resistant to scratches / disinfectants
- Auto-provisioning via IPUI
- Talktime 12h, standby 250h

**Maxwell C**

- DECT, as a handset
- Large TFT 2.8" Display
- 8 direct dial keys
- Bluetooth and wired headset connection
- Auto-provisioning via IPUI
- Power supply

It's your best choice.

Gigaset's new professional line provides businesses with tailor-made, communication-enhancing phone systems. Discover more! Contact your Gigaset representative, visit gigasetpro.com or the wiki at wiki.gigasetpro.com

¹ Dependent on PBX or provider.

Gigaset N870 IP PRO

N870 IP

The scalable DECT IP multicell system for seamless mobile communication in small and medium-sized businesses and beyond

The Gigaset N870 Multicell System is an innovative breakthrough solution that combines DECT base stations and a DECT manager to create a highly scalable yet reliable solution for organisations that need guaranteed mobile communication across sites of any shape or size. Each DECT multicell system supports up to 250 (20.000) handsets and 60 (6.000) simultaneous calls making it ideal for small and medium organisations. For those companies which go beyond the SMB level, widen the network with multiple DECT multicell systems up to the level of an Enterprise, where seamless handover and roaming is applicable in and between all zones. With seamless connectivity with leading IP based on-premise and cloud telephony services, HD audio quality, seamless handover and roaming, the Gigaset N870 Multicell System provides complete coverage across even the most challenging sites. Simple deployment with absolute reliability is key.



UP TO
20.000
HANDSETS



UP TO 6.000
SIMULTANEOUS
CALLS



UP TO
6.000
BASE STATIONS



REDUNDANCY,
SRTP/SIPS/TLS
SECURITY



LDAP(S) AND
CLOUD PHONE
BOOKS



ZERO-TOUCH
AUTOPROVISION-
ING



REMOTE
MANAGEMENT



HD
VOICE



HIGH
DEFINITION
SOUND



WALL
MOUNTABLE



GIGASET
SOFTWARE
PLATFORM



Feature highlights

One hardware concept, settings define function

Each DECT Multicell system supports:

Up to 250 users / SIP accounts / handsets

Up to 60 base stations / 60 parallel calls

Up to 10 simultaneous calls per base

With N870 in integrator only role:

Up to 800 users / SIP accounts / handsets

Up to 240 base stations

Up to 240 parallel calls

Up to 20 N670

With Virtual integrator:

Up to 20.000 users / SIP accounts / handsets

Up to 6.000 base stations

Up to 6.000 parallel calls

Up to 300 N670

Seamless handover and roaming

Sync over the Air and Sync over LAN

Phonebook support: LDAP, XML, Remote, central phone book (only in Small / Medium system sizes), Broadsoft, 3CX, xHTML

Professional zero-touch configuration via auto-provisioning

uaCSTA support for CTI-integration

xHTML applications by customer

End-to-end signalling and voice encryption

Redundancy

Software update over the air (SUOTA)

DECT technology with full security

DECT Technology is secure because its digital and encrypted. Eavesdropping on a conversation is not possible wirelessly. In the N870IP System, SIP Security is added to the security of the network. End to end security is now ensured. Security includes SRTP/SIPS/TLS, LDAP(S) and HTTPS.

Scalable and future-proof

The N870 DECT multicell system is an expandable solution for any organisation. Start small and expand later when your business is requesting more users. The N870E IP PRO can support so called S, M, L, XL and XXL environments. L to XXL make use of the Gigaset Integrator, which integrates different locations, buildings and floors into one large communication network.

Connectivity

The N870E IP DECT multicell system is interoperable with many platforms and network providers. All recent professional handsets from Gigaset are compatible with the N870E System and integrate smoothly. A full and actual list from platforms, providers and handset compatibility can be found on our wiki.

Easy setup and configuration.

Administrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files, profiles and support of standard protocols make configuration extremely easy and fast.

VoIP

Gigaset

Gigaset N870 IP PRO

N870 IP

The scalable DECT IP multicell system for seamless mobile communication in SMB and beyond

Technical data

Phonebook and dialling

- Link to an external LDAP(S) phonebooks (up to 10)
- XML directories
- XSI directories (BroadSoft)
- Central phone book, hosted by N870
- Search function and reverse lookup online
- Name indication for incoming calls, outgoing calls, missed call list, redial list
- DTMF (SIP Info / RFC 2833, in-band)
- Country specific call progress tones (provisionable)
- CLIP, CNIP: Name indication for incoming calls, outgoing calls, missed call list, redial list
- Name replacement from local phonebook and online directories (auto lookup)
- Calls lists: up to 50 calls (missed, received, dialled)
- XSI Call logs (Broadsoft)
- SIP MWI (Message Waiting Indicator) signalling for voice mail

Software

- Easy configuration via web browser
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning:
 - via MAC address
 - via XML configuration file
- Firmware upgrade / downgrade
- Backup and restore functions
- Log to external syslog servers

Hardware

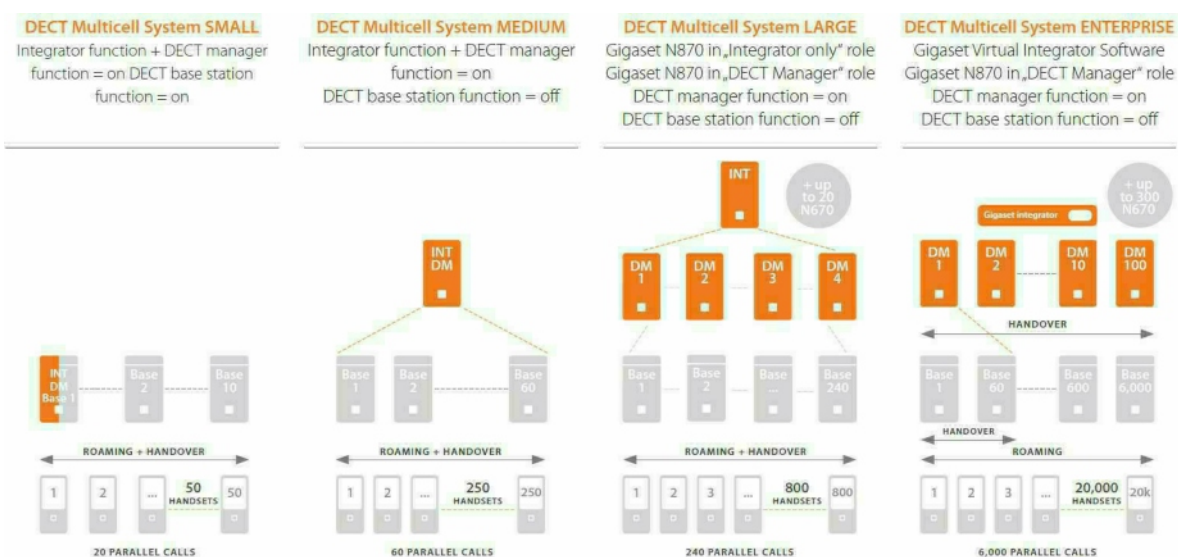
- Wall- or ceiling mountable
- Antenna diversity
- 2 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet: PoE IEEE 802.3af class 1
- Power saving switch mode power supply (EU or UK)
- Colour: polar white SF9063
- Dimension: 180 mm (H) x 110 mm (W) x 42 mm (D)
- Two-year warranty

Special features

- Broadsoft feature sync (DND and Call Forward)
- Broadsoft phonebook and Call logs
- MWI signalling configurable
- Failover: DNS SRV, Failover server
- Sync over DECT, Sync over LAN or Mixed mode
- Connect DECT sync/a-sync state with SIP registration. (Handset off or out of range / de-register SIP)
- IPUI Provisioning
- xHTML Applications
- Deregister SIP if handset out of range/power down
- uaCSTA
- local 3-Way Conference

Connectivity

One Hardware for all functions: N870 IP PRO appliance. Function is set by role in the device settings:
Integrator, DECT Manager and/or Base station.



¹ In preparation, available at a later date via software update.

² Features and functions depend on the SIP-telephone-system. AML features dependent on application server, configuration and handset model. For more info visit wiki.gigasetpro.com.

Gigaset N870 IP PRO

The scalable DECT IP multicell system for seamless mobile communication in SMB and beyond

Alarm, Messaging, Location (AML) support

Alarm

- Handset can establish an alarm call/ alarm event (MQTT)^{1,2}
- Establish an alarm call via function key²
- Lone worker protection (DGUV certified) with Unify OpenStage M3 Plus / M3 Ex Plus handset and tetronik DAKS server

Messaging

- Connection of up to 10 application servers (alarm/messaging server) via MQTT interface
- Send messages to handsets with signalling and indication according to priority (5 priority levels)
- Specific alerting tones
- Collect user response via softkeys (up to 10 reply options) and send to alarm server
- Offer call setup in context of the message response
- Message inbox
- SIP messaging for plain text, in use cases without alarm server

Location

- Alarm server can retrieve data about DECT environment (RSSI) and Bluetooth beacons² from a handset for calculation of exact position

Service

- Syslog
- PCAP tracing
- SNMPv3
- CLI - Command Line Interface for specific service cases
- Save and Restore
- Base station remote reset by power procedure
- Firmware update from server¹ (file based), automatically updating all base stations
- Visualization Tool

Gigaset N870 Integrator software

- Central management of up to 100 N870(E) and 300 N670 in different locations

Technical specifications

- DECT EN 300 175-x
- Standards: GAP / pnCAP
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)
- Support of 120 DECT channels
- TLS1.0/1.1/1.2 for HTTPS and SIP, SIPS
- SIP (RFC3261, RFC2396, RFC2976)
- HTTP/Digest Authentication (RFC2617)
- Locating SIP Server (RFC3263)
- Call Transfer (RFC5589, RFC3515, RFC3891, RFC3892)
- MWI (RFC3265, RFC3842)
- SDP (RFC4566, RFC3264, RFC3555)
- RTP (RFC3550, RFC3551, RFC3555, RFC2833), SRTP, RTCP
- IPv4, IPv6, SNTP, DHCP (Option 1, 3, 6, 12, 15, 28, 42, 114, 120), DNS, TCP, UDP, VLAN (IEEE 802.1q), DNS SRV
- 10 simultaneous calls (G.711)
- Codecs G.711, G.722, G.729ab
- VAD/CNG (for G.729ab)
- QoS (RFC2474, RFC2475)
- Approvals: CE

Platform features

N870E supports many platforms, incl. Broadsoft, Asterisk and 3CX. Visit the wiki.gigasetpro.com, for the latest overview and status. Features and functions depend on the SIP-telephone-system.

General Platform features include:

- Network AM
- Call transfer: attended, un-attended, blind
- Call waiting
- Call hold/toggle/resume
- Call reject
- CLIR
- Call forwarding: CFU, CFNR, CFB
- Distinctive Ring (internal / external / group / door / emergency / optional)
- Auto-provisioning
- Net directories via LDAP(S)
- Group Pick-up

¹ In preparation, available at a later date via software update.

² Features and functions depend on the SIP-telephone-system. AML features dependent on application server, configuration and handset model. For more info visit wiki.gigasetpro.com.

Gigaset N870 IP PRO

N870 IP

The scalable DECT IP multicell system for seamless mobile communication in SMB and beyond

Gigaset N870 multicell system components

Gigaset N870 IP PRO:

Order number: S30852-H2716-R101

Licenses for central management & branch solution:

N870 Virtual Integrator SW license: S30852-H2716-X1

N670 DECT Manager license: S30852-H2714-X2

N870 DECT Manager license: S30852-H2716-X2

Power supply

Optional, if no PoE/PoE injector available

EU: Order-Nr. L36280-Z4-X706

UK: Order-Nr. L36280-Z4-X745

Alarm, Messaging, Location (AML) licenses

Messaging license N670/N870 (license per handset), order number: S30852-H2714-X11

Location incl. Messaging license N670/N870 (license per handset), order number: S30852-H2714-X21

Dimensions and weight

Packaging

Dimension (L x W x H): 223 x 163 x 65 mm

Weight: approx. 380 g

Device

Colour of the housing: Polar White

Dimensions (L x W x H) 180 x 110 x 42 mm

Weight: approx. 220 g

Environmental conditions

Protection class IP20 (indoor)

Operating temp: +5° to +45° C

Storage temp: -20° to +70° C

Relative humidity: 20 % - 75 % non-condensation

Box contents

Main device

Security leaflet

Screws

It's your best choice.

Discover more! Contact your Gigaset sales representative, visit [gigaset.com/pro](https://www.gigaset.com/pro) or the wiki at wiki.gigaset.com

Datasheet version: 23. March 2023

Gigaset

Gigaset N870E IP PRO

The flexible extension for optimized DECT coverage in Gigaset N870 Multicell solutions with special demands

For installations in special environments the antenna angle and orientation can be changed to improve radio wave propagation and to reduce interferences or reflections. The two detachable external antennas are adjustable at 45°-90° angles. N870E has 2 TNC connectors which are also suitable for third-party antennas. The N870E is based on the same hardware and software and has the same features and upgrade possibilities as the Gigaset N870IP PRO multicell. The N870E can be used in mixed mode with the standard N870IP multicells. It is compatible with a large number of IP-based telephone systems from well-known manufacturers and virtual telephone systems in the network.



UP TO
20.000
HANDSETS



UP TO 6.000
SIMULTANEOUS
CALLS



FLEXIBLE
ANTENNA
POSITION



REDUNDANCY,
SRTP/SIPS/TLS
SECURITY



LDAP(S) AND
CLOUD PHONE
BOOKS



ZERO-TOUCH
AUTOPROVISIONING



REMOTE
MANAGEMENT



HIGH
DEFINITION
SOUND



WALL
MOUNTABLE



GIGASET
SOFTWARE
PLATFORM



Feature highlights

- Universal hardware:
 - 2 TNC connectors for external antennas
- Each DECT Multicell system supports:
 - Up to 250 users / SIP accounts / handsets
 - Up to 60 base stations / 60 parallel calls
 - Up to 10 simultaneous calls per base
- With N870 in integrator only role:
 - Up to 800 users / SIP accounts / handsets
 - Up to 240 base stations
 - Up to 240 parallel calls
 - Up to 20 N670
- With Virtual integrator:
 - Up to 20.000 users / SIP accounts / handsets
 - Up to 6.000 base stations
 - Up to 6.000 parallel calls
 - Up to 300 N670
- Seamless handover and roaming
- Sync over the Air and Sync over LAN
- Phonebook support: LDAP, XML, Remote, central phone book, Broadsoft, 3CX, xHTML
- Professional zero-touch configuration via auto-provisioning
- uaCSTA support for CTI-integration
- XHTML applications by customer
- End-to-end signalling and voice encryption
- Redundancy¹
- Software update over the air (SUOTA)¹

DECT multicell with new flexibility

The new Gigaset N870E IP PRO is a variant of the Gigaset IP DECT Multicell N870IP PRO and also uses the proven DECT technology. This is secure because it is digital and encrypted. Tilttable and detachable antennas provide a greater degree of flexibility, as third-party antennas can also be mounted on the externally mounted TNC connectors. This allows flexible adjustment and optimisation of antenna alignment for specific customer installations.

Scalable and future-proof

The N870 DECT multicell system is an expandable solution for any organisation. Start small and expand later when your business is requesting more users. The N870E IP PRO can support so called S, M, L, XL and XXL environments. L to XXL make use of the Gigaset Integrator, which integrates different locations, buildings and floors into one large communication network.

Connectivity

The N870E IP DECT multicell system is interoperable with many platforms and network providers. All recent professional handsets from Gigaset are compatible with the N870E System and integrate smoothly. A full and actual list from platforms, providers and handset compatibility can be found on our wiki.

Easy setup and configuration.

Administrators benefit from zero touch provisioning. The intuitive web based interface with online help, XML based configuration files, profiles and support of standard protocols make configuration extremely easy and fast.

¹ In preparation, available at a later date.

Gigaset N870E IP PRO

The flexible extension for optimized DECT coverage in Gigaset N870 Multicell solutions with special demands

Technical data

Phonebook and dialling

- Link to an external LDAP(S) phonebooks (up to 10)
- XML directories
- XSI directories (BroadSoft)
- Search function and reverse lookup online
- Name indication² for incoming calls, outgoing calls, missed call list, redial list
- DTMF (SIP Info / RFC 2833, in-band)
- Country specific call progress tones (provisionable)
- CLIP, CNIP: Name indication² for incoming calls, outgoing calls, missed call list, redial list
- Name replacement from local phonebook and online directories (auto lookup)
- Calls lists: up to 50 calls (missed, received, dialled)
- XSI Call logs (Broadsoft)
- SIP MWI (Message Waiting Indicator) signalling for voice mail

Software

- Easy configuration via web browser
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning:
 - via MAC address
 - via XML configuration file
- Firmware upgrade / downgrade
- Backup and restore functions
- Log to external syslog servers

Hardware

- Wall- or ceiling mountable
- 2 TNC connectors for external antennas
- 2 external antennas
- Antenna diversity
- 2 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet: PoE IEEE 802.3af class 1
- Power saving switch mode power supply (EU or UK) as accessory

Special features

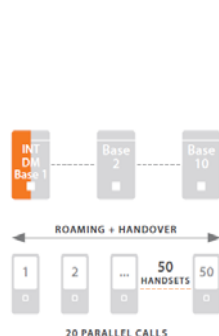
- Broadsoft feature sync (DND and Call Forward)
- Broadsoft phonebook and Call logs
- MWI signalling configurable
- Failover: DNS SRV, Failover server
- Sync over DECT, Sync over LAN or Mixed mode
- Connect DECT sync/a-sync state with SIP registration. (Handset off or out of range / de-register SIP)
- IPUI Provisioning
- xHTML Applications
- Deregister SIP if handset out of range/power down
- uaCSTA
- local 3-Way Conference

Connectivity

One Hardware for all functions: N870E IP PRO appliance. Function is set by role in the device settings: Integrator, DECT Manager and/or Base station.

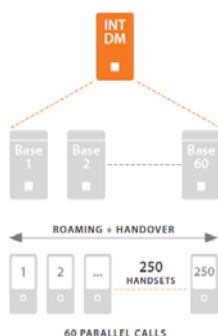
DECT Multicell System SMALL

Integrator function + DECT manager function = on
DECT base station function = on



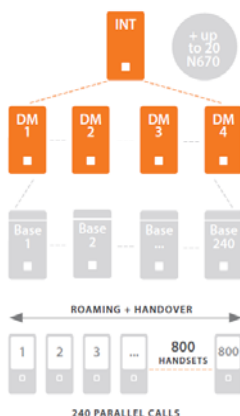
DECT Multicell System MEDIUM

Integrator function + DECT manager function = on
DECT base station function = off



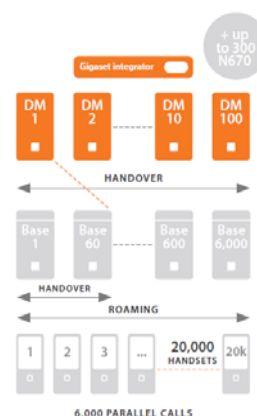
DECT Multicell System LARGE

Gigaset N870 in „Integrator only“ role
Gigaset N870 in „DECT Manager“ role
DECT manager function = on
DECT base station function = off



DECT Multicell System ENTERPRISE

Gigaset Virtual Integrator Software
Gigaset N870 in „DECT Manager“ role
DECT manager function = on
DECT base station function = off



¹ In preparation, available at a later date via software update.

² Features and functions depend on the SIP-telephone-system.

Gigaset N870E IP PRO

The flexible extension for optimized DECT coverage in Gigaset N870 Multicell solutions with special demands

Service

- Syslog
- PCAP tracing
- SNMPv3
- CLI - Command Line Interface for specific service cases
- Save and Restore
- Base station remote reset by power procedure
- Firmware update from server¹ (file based), automatically updating all base stations
- Visualization Tool

Gigaset N870 Integrator software

- Central management of up to 100 N870(E) and 300 N670 in different locations

Technical specifications

- DECT EN 300 175-x
- Standards: GAP / pnCAP
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)
- Support of 120 DECT channels
- TLS1.0/1.1/1.2 for HTTPS and SIP, SIPS
- SIP (RFC3261, RFC2396, RFC2976)
- HTTP/Digest Authentication (RFC2617)
- Locating SIP Server (RFC3263)
- Call Transfer (RFC5589, RFC3515, RFC3891, RFC3892)
- MWI (RFC3265, RFC3842)
- SDP (RFC4566, RFC3264, RFC3555)
- RTP (RFC3550, RFC3551, RFC3555, RFC2833), SRTP, RTCP
- IPv4, IPv6¹, SNMP, DHCP (Option 1, 3, 6, 12, 15, 28, 42, 114, 120), DNS, TCP, UDP, VLAN (IEEE 802.1q), DNS SRV
- 10 simultaneous calls (G.711²)
- Codecs G.711², G.722², G.729ab²
- VAD/CNG (for G.729ab)
- QoS (RFC2474, RFC2475)
- Approvals: CE

Platform features

N870E supports many platforms, incl. Broadsoft, Asterisk and 3CX. Visit the wiki.gigasetpro.com, for the latest overview and status. Features and functions depend on the SIP-telephone-system.

General Platform features include:

- Network AM
- Call transfer: attended, un-attended, blind
- Call waiting
- Call hold/toggle/resume
- Call reject
- CLIR
- Call forwarding: CFU, CFNR, CFB
- Distinctive Ring (internal / external / group / door / emergency / optional)
- Auto-provisioning
- Net directories via LDAP(S)
- Group Pick-up

¹ In preparation, available at a later date via software update.

² Features and functions depend on the SIP-telephone-system.

Gigaset N870E IP PRO

The flexible extension for optimized DECT coverage in Gigaset N870 Multicell solutions with special demands

Gigaset N870E multicell system components

Gigaset N870E IP PRO:

Order number: S30852-H2718-R101

Licenses for central management & branch solution:

N870 Virtual Integrator SW license: S30852-H2716-X1

N670 DECT Manager license: S30852-H2714-X2

N870 DECT Manager license: S30852-H2716-X2

Power supply

Optional, if no PoE/PoE injector available

- EU: Order-Nr. L36280-Z4-X706
- UK: Order-Nr. L36280-Z4-X745

Dimensions and weight

Packaging

- Dimension (L x W x H): 223 x 163 x 65 mm
- Weight: approx. 380 g

Device

- Colour of the housing: Polar White
- Colour of the antennas: Black
- Dimensions (L x W x H in mm)
 - Without antennas: 182,3 x 113,1 x 42,2
 - With antennas: 226,5 x 187,3 x 42,2
- Weight: approx. 0,3 kg

Environmental conditions

- Protection class IP20 (indoor)
- Operating temp: +5° to +45° C
- Storage temp: -20° to +70° C
- Relative humidity: 20 % - 75 % non-condensation

Box contents

- Main device
- 2 Antennas
- Security leaflet
- Screws

It's your best choice.

Discover more! Contact your Gigaset sales representative, visit gigaset.com/pro or the wiki at wiki.gigasetpro.com

Gigaset



Highlights

- Desktop phone with DECT interface as alternative to a standard SIP phone
- Compatible to DECT IP Multi-/Singlecell N870/N670
- Narrow space saving design
- Basic telephony functionality: Direct dial keys, handsfree, mute, hold, transfer, internal call
- Desk- and wall mount
- Anti-bacterial housing

Project status

- Planned launch: June 2025
- Based on Falcon
- Einstein 2 adaptations planned to cater for easy set-up and speed dial key configuration

Desktop phone (PRO range) with Dect trunk.

The very good price (see price list) makes this device very attractive and don't forget... when used on any PRO base you don't have to pull wires anymore.

Simplicity itself.

You can now configure everything in your own lab, the end user can place it perfectly themselves even together with their FONtevo telephone exchange (own cloud) or on a foreign cloud provider.

More information and photos will follow asap.

The launch is planned for Q4/2025 - so please be patient.

Gigaset P710 IP PRO

The compact IP desk phone for every workplace

Highlights:

- 2.8" (320x240) color TFT display
- 4 freely programmable function keys
- Hands-free operation with HD audio
- On-screen labels
- Headset connection
- 2-port Gigabit Ethernet switch (RJ45) with Power over Ethernet (PoE) functionality



The Gigaset P710 IP PRO is the compact and cost-effective entry into Gigaset's portfolio of professional IP desk phones. With its elegant design and compact size it fits perfectly onto any desk and in any workplace. The device comes with a lot of useful business functions, offers excellent HD audio quality and a high-resolution color display with 4 freely programmable LED function keys. The Gigabit switch with PoE support rounds up the feature set of the P710 IP PRO.

4 programmable LED function keys

The keys can be configured based on your own preferences and needs. Useful functions such as speed dialing, direct dialing or extension can be assigned directly to each of the 4 keys. So you have all functions you need at your workplace directly at hand. The multicolored LEDs indicate the call or presence status. Gigaset P710 IP PRO uses Smart Labels for labelling function keys. Smart Labels ensure a great readability of all information shown on the function keys even if the display is rather compact in size.

High-resolution TFT color display

The 2.8-inch TFT color display with a resolution of 320 x 240 pixels guarantees optimum visibility of the display contents in any light. Which means you can easily keep all important information in sight.

Excellent sound quality

The Gigaset P710 IP PRO delivers the highest audio quality. It is equipped with HD audio and on top of that it works with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

Gigaset

Technical Specifications

Audio	Codecs	<ul style="list-style-type: none"> • G.711 A-law, u-law • G.722 (wideband) • G.723, G.726, G.729, GSM 6.10 (FR)
	Ringtones	<ul style="list-style-type: none"> • Built-in assignable ringtones
	Audio quality	<ul style="list-style-type: none"> • Acoustic echo cancellation for local echo (AEC) full duplex
	Other features	<ul style="list-style-type: none"> • Comfort noise generator (CNG) • Voice activity detection (VAD)

Display	Size (inch)	<ul style="list-style-type: none"> • 2.8"
	Resolution	<ul style="list-style-type: none"> • 320 x 240 pixel
	Type	<ul style="list-style-type: none"> • TFT liquid crystal display (LCD)

Keyboard	Keys	<ul style="list-style-type: none"> • 38 hard keys in total
	Keys	<ul style="list-style-type: none"> • 12 keys (standard ITU telephone keypad)
	Keys	<ul style="list-style-type: none"> • 4 context sensitive function keys
	Keys	<ul style="list-style-type: none"> • 4 SmartLabel keys (with multicolor LED)
	Keys	<ul style="list-style-type: none"> • 8 dedicated functions keys: Ok, cancel, DND, message (with red LED), directory, menu, transfer, hold
	Keys	<ul style="list-style-type: none"> • 5 dedicated audio keys: Mute, speakerphone, headset, volume +/- (rocker)
	Keys	<ul style="list-style-type: none"> • 5-way navigation key

Network specifications	Configuration	<ul style="list-style-type: none"> • SIP • SDP • RTP, RTCP • DHCP, NTP • LDAP • HTTP / HTTPS / TFTP • L2TP • TLS V1.2 • SIP REFER method (RFC 3515) • rport (RFC 3581) • Secure web server / client (HTTPS) • ENUM • ICE • STUN • SIPS (SIP over TLS), SRTP, SRTCP • 802.1X Authentication and EAPOL • LLDP-MED, RTCP-XR • Password-protected web interface • Configuration and setup via menu-driven web user interface • Configuration and setup via menu-driven phone user interface
	IP	<ul style="list-style-type: none"> • Dual Stack IPv4 / IPv6 • VLAN (IEEE 802.1Q) • OpenVPN
	Provisioning	<ul style="list-style-type: none"> • Automatic loading of settings and firmware via HTTP / HTTPS / TFTP • DHCP Options 66/67 • Gigaset Redirect and Provisioning Environment (GRAPE) support

		<ul style="list-style-type: none"> • Plug & Play (PnP) support • Remote management via TR-069 / TR-069 Annex G (TR-111) • SIP / PCAP trace • Syslog
Connectivity	LAN connection	<ul style="list-style-type: none"> • 2x RJ45-8P8C Gigabit Ethernet port • Power over Ethernet (PoE) • IEEE 802.3af, class 2 / IEEE 802.3az (optional via software)
	Headset connection	<ul style="list-style-type: none"> • RJ9-4P4C socket (headset available separately)
	Handset	<ul style="list-style-type: none"> • RJ9-4P4C socket • Hearing aid compatible (HAC) handset
	Sensor	<ul style="list-style-type: none"> • Hook switch sensor
	Interoperability	<ul style="list-style-type: none"> • Interoperable with all major IP PBX platforms
Phonebook	Contacts	<ul style="list-style-type: none"> • LDAP (server-based directory) • XML browser
	Address book	<ul style="list-style-type: none"> • Local directory with 1000 entries
Telephony	VoIP	<ul style="list-style-type: none"> • 6 SIP identities / accounts • Up to 6 simultaneous calls
	Call groups	<ul style="list-style-type: none"> • 3-way conferencing on the phone
	Localization	<ul style="list-style-type: none"> • Language, time, dial tone
	Other features	<ul style="list-style-type: none"> • Menu-driven user interface • Multiple language support
Dial functions	Functions	<ul style="list-style-type: none"> • Call diversion • Caller identification (CLIP) • Calling Line Identification Restriction (CLIR) • Call waiting/swapping • Call history lists for dialed, received, missed, rejected and deflected calls • Call completion (busy / unreachable) (if supported by PBX) • Call park, call unpark (if supported by PBX) • Speed dialing via function keys • Hold • Music on hold (if supported by PBX) • Mute microphone • Automatic redial on busy • Redial (via dialed calls list) • Auto-answer • Blind and attended transfer • Extension monitoring (Busy lamp field), call pickup (if supported by PBX) • Intercom • Multicast paging • URL dialing • Local dial plan • Client matter code (CMC) (if supported by PBX)
	Dialing procedure	<ul style="list-style-type: none"> • DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	<ul style="list-style-type: none"> • Call blocking (deny list, anonymous calls) • DND mode (do not disturb)

	Dial lock	<ul style="list-style-type: none"> Keyboard lock
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> Red LED for call indication / message waiting
Power	Power supply	<ul style="list-style-type: none"> PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	<ul style="list-style-type: none"> 5V DC (SELV)
Functions	Wall mountable	<ul style="list-style-type: none"> Yes
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> Without foot stand: 205 mm × 185 mm × 40 mm With desk stand: <ul style="list-style-type: none"> 205 mm × 185 mm × 220 mm (high angle 46°) 205 mm × 185 mm × 200 mm (low angle 28°) Weight (approximately): <ul style="list-style-type: none"> 710 g (without footstand) 830 g (with footstand)
Ordering information	Color	<ul style="list-style-type: none"> Black
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> 0°C to 35°C (32°F to 95°F)
	Storage temperature	<ul style="list-style-type: none"> -10°C to 45°C (14°F to 113°F)
	Humidity	<ul style="list-style-type: none"> 5% to 95% (non-condensing)
Accessories	EHS adapter	<ul style="list-style-type: none"> Gigaset EHS Adapter
	Power adapter	<ul style="list-style-type: none"> Gigaset 5Vdc power adapter
Scope of delivery	1x	<ul style="list-style-type: none"> Desk phone
	1x	<ul style="list-style-type: none"> Foot stand
	1x	<ul style="list-style-type: none"> Corded handset
	1x	<ul style="list-style-type: none"> Quick Installation Guide

Gigaset P800 KEY PRO

Key Module for Gigaset professional desk phones

The Gigaset P800 KEY PRO is an expansion module for Gigaset's professional desk phones. It has a 6.8" inch large, high-resolution color display which guarantees optimum visibility of the display contents. The module can easily be connected to the phone via USB. It has 20 physical function keys and you can map up to 60 functions in total. Offering you even more options to customize your desk phone to suit your personal needs and have all required tasks and functions at hand.

Highlights

- 6.8" (17.2 cm) TFT color display
- Extension module with 60 (20 physical) programmable buttons
- Easy Plug-and-Play connection with desk phone via USB
- Compatible with Gigaset P810 IP PRO, P810B IP PRO, P820 IP PRO, P825 IP PRO, P850W IP PRO, P855BW IP PRO



Logistical information

Item numbers

- Part number: S30853-H4105-R101
- EAN: 4255781906331
- Material number: A5B00101058227

Box content

- Key Module P800 KEY PRO
- Footstand
- Screws
- Quick Start Guide

Compatible desk phones from the professional series

P810 IP PRO & P810B IP PRO



The professional IP desk phone
for every workplace

P820 IP PRO & P825 IP PRO



The professional IP desk phone
for everyday office life

P850W IP PRO & P855BW IP PRO



The professional IP desk phone
for the sophisticated and modern office

It's your best choice.

Discover more! Contact your Gigaset sales representative,
visit [gigaset.com/pro](https://www.gigaset.com/pro) or the wiki at wiki.gigaset.com

Datasheet version: 26. February 2025

Gigaset

Gigaset P810 IP PRO & Gigaset P810B IP PRO

The professional IP desk phone for every workplace

Highlights:

- 3.36" (320x240) color TFT display
- 4 (12) configurable self-labeling multicolor LED keys
- 1 USB port
- Bluetooth interface (P810B IP PRO only)
- Elegant design
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45) with Power over Ethernet (PoE) functionality



The Gigaset P810 IP PRO and Gigaset P810B IP PRO come with a lot of useful business functions, offer excellent HD audio quality and 4 freely programmable LED function keys. The integrated Bluetooth 5.2 interface of P810B IP PRO allows you to conveniently operate cordless headsets. The Gigabit switch with PoE support rounds up the feature set. Thanks to its elegant and compact design it perfectly fits onto every desk. With the P810 IP PRO and P810B IP PRO Gigaset enables the perfect entry into the world of modern IP telephony.

Elegant and compact design

The elegant yet slim design makes the Gigaset P810 IP PRO and Gigaset P810B IP PRO an eye-catcher in every office environment. The phone is compact in size and can be easily fitted on your desk.

Self-labelling function keys

Using the 4 programmable function keys, you can easily customize your desk phone to suit your personal needs. Perform common tasks and all needed and important functions quickly and conveniently at the touch of a button.

Excellent sound quality

The Gigaset P810 IP PRO and Gigaset P810B IP PRO deliver the highest audio quality. They are equipped with HD audio and on top of that work with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

VoIP

Gigaset

Technical Specifications

P810 IP PRO

Audio	Codecs	<ul style="list-style-type: none"> • G.711 A-law, u-law • G.722 (wideband) • G.723, G.726, G.729ab, GSM 6.10 (FR)
	Ringtones	<ul style="list-style-type: none"> • Built-in assignable ringtones
	Other features	<ul style="list-style-type: none"> • Comfort noise generator (CNG) • Voice activity detection (VAD)

Display	Size (inch)	<ul style="list-style-type: none"> • 3.36"
	Resolution	<ul style="list-style-type: none"> • 320 x 240 pixel
	Type	<ul style="list-style-type: none"> • TFT color display

Keyboard	Keys	<ul style="list-style-type: none"> • 4 context sensitive keys
	Keys	<ul style="list-style-type: none"> • 4 programmable line / function keys with multicolor LEDs
	Keys	<ul style="list-style-type: none"> • Dedicated keys for: Message, transfer, hold, redial
	Keys	<ul style="list-style-type: none"> • Audio keys with LED indication: Mute, speakerphone, headset
	Keys	<ul style="list-style-type: none"> • Volume key
	Keys	<ul style="list-style-type: none"> • 5-way navigation key
	Keys	<ul style="list-style-type: none"> • Cancel key

Network specifications	Configuration	<ul style="list-style-type: none"> • SIP (RFC3261) • DHCP, NTP • HTTP / HTTPS / TFTP • HTTPS server / client • Transport layer security (TLS) • SRTP (RFC3711), SIPS, RTCP • 802.1X Authentication and EAPOL • VPN support • LLDP-MED, RTCP-XR • Password-protected web interface
	IP	<ul style="list-style-type: none"> • Dual Stack IPv4 / IPv6 • VLAN (IEEE 802.1Q)
	Provisioning	<ul style="list-style-type: none"> • Automatic loading of settings via HTTP / HTTPS / TFTP • DHCP Options 66/67 • Gigaset Redirect and Provisioning Environment (GRAPE) support • Remote management via TR-069 / TR-111 • Configurable through web interface

Connectivity	LAN connection	<ul style="list-style-type: none"> • 2x RJ45-8P8C Gigabit Ethernet ports • Power over Ethernet (PoE) • IEEE 802.3af, class 2 / IEEE 802.3az (optional via software)
	Bluetooth connection	<ul style="list-style-type: none"> • Bluetooth 5.2 (P810B IP PRO only)
	Headset connection	<ul style="list-style-type: none"> • 4P4C; support for Gigaset EHS Adapter (optional accessory)
	USB connection	<ul style="list-style-type: none"> • 1x USB 2.0 host port, Type A, Hi / Full / Low-speed
	Handset	<ul style="list-style-type: none"> • Hearing aid compatible (HAC) handset
	Interoperability	<ul style="list-style-type: none"> • Interoperable with all major IP PBX platforms

Phonebook	Contacts	<ul style="list-style-type: none"> • LDAP (Directory) • XML browser
	Address book	<ul style="list-style-type: none"> • Local directory with 1000 entries

Telephony	VoIP	<ul style="list-style-type: none"> 12 SIP identities / accounts
	Call groups	<ul style="list-style-type: none"> 3-way conferencing on the phone
	Localization	<ul style="list-style-type: none"> Language, time, dial tone
	Other features	<ul style="list-style-type: none"> Menu-driven user interface Multiple language support
Dial functions	Functions	<ul style="list-style-type: none"> Call forwarding Caller identification Call waiting Call lists for dialed, received, missed calls Call completion (busy / unreachable) (if supported by PBX) Call park, call unpark (if supported by PBX) Speed dialing Hold Music on hold (if supported by PBX) Automatic redial on busy Auto-answer Blind and attended transfer Extension monitoring, call pickup (if supported by PBX) Multicast paging URL dialing Local dial plan Client matter code (CMC) (if supported by PBX)
	Dialing procedure	<ul style="list-style-type: none"> DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	<ul style="list-style-type: none"> Call blocking (deny list) DND mode (do not disturb)
	Dial lock	<ul style="list-style-type: none"> Keyboard lock
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> Red LED for call indication / message waiting
Power	Power supply	<ul style="list-style-type: none"> PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	<ul style="list-style-type: none"> 5V DC (SELV)
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> Without foot stand: 210 mm x 199 mm x 45 mm With foot stand: 193 mm x 199 mm x 158 mm Weight (approximately): 890 g (with footstand)
Ordering information	Color	<ul style="list-style-type: none"> Black
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> 0°C to 35°C (32°F to 95°F)
	Storage temperature	<ul style="list-style-type: none"> -10°C to 45°C (14°F to 113°F)
	Humidity	<ul style="list-style-type: none"> 5% to 95% (non-condensing)
Accessories	Key module	<ul style="list-style-type: none"> Gigaset P800 KEY PRO for additional freely programmable function keys
	EHS adapter	<ul style="list-style-type: none"> Gigaset EHS Adapter
	Power adapter	<ul style="list-style-type: none"> Gigaset 5Vdc power adapter
Scope of delivery	1x	<ul style="list-style-type: none"> Desk phone
	1x	<ul style="list-style-type: none"> Foot stand
	1x	<ul style="list-style-type: none"> Handset with cord

Gigaset P820 IP PRO & Gigaset P825 IP PRO

The professional IP desk phone for everyday office life

Highlights:

- 5" (480x272) color TFT display
- Adjustable display (P825 IP PRO only)
- 8 (28) configurable self-labeling multicolor LED keys
- 1 USB port
- Elegant design
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45) with Power over Ethernet (PoE) functionality



The Gigaset P820 IP PRO and Gigaset P825 IP PRO combine a versatile feature set and an excellent voice quality in an elegant design and are the perfect companion for almost every task in everyday office life.

Equipped with a high-quality 5" LCD screen, it always offers a very good overview, regardless of the lighting conditions. The 8 freely programmable function keys are ideal as BLF keys or for storing various business relevant functions. The Gigabit switch with PoE support rounds up the feature set.

With the P820 IP PRO and P825 IP PRO Gigaset enables the perfect entry into the world of modern IP telephony.

High-resolution color display

The 5-inch LCD color display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents regardless of the lighting conditions. The P825 IP PRO is even equipped with a seamlessly adjustable screen so you can freely adjust the viewing angle to perfectly suit your needs. You can conveniently keep all important information in sight at any time.

Elegant and compact design

The elegant yet slim design in gunmetal look makes the Gigaset P820 IP PRO and Gigaset P825 IP PRO an eye-catcher in every office environment. The phone is compact in size and can be easily fitted on your desk.

Self-labelling function keys

Using the 8 programmable function keys, you can easily customize your desk phone to suit your personal needs. Perform common tasks and all needed and important functions quickly and conveniently at the touch of a button.

Excellent sound quality

The Gigaset P820 IP PRO and Gigaset P825 IP PRO deliver the highest audio quality. They are equipped with HD audio and on top of that work with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

Gigaset

Technical Specifications

Audio	Codecs	<ul style="list-style-type: none"> G.711 A-law, u-law G.722 (wideband) G.723, G.726, G.729ab, GSM 6.10 (FR)
	Ringtones	<ul style="list-style-type: none"> Built-in assignable ringtones
	Other features	<ul style="list-style-type: none"> Comfort noise generator (CNG) Voice activity detection (VAD)

Display	Size (inch)	<ul style="list-style-type: none"> 5"
	Resolution	<ul style="list-style-type: none"> 480 x 272 pixel
	Type	<ul style="list-style-type: none"> TFT color display
	Other features	<ul style="list-style-type: none"> Continuously adjustable (P825 IP PRO only)

Keyboard	Keys	<ul style="list-style-type: none"> 4 context sensitive keys
	Keys	<ul style="list-style-type: none"> 8 programmable line / function keys with multicolor LEDs
	Keys	<ul style="list-style-type: none"> Dedicated keys for: Message, call history, transfer, hold, conference
	Keys	<ul style="list-style-type: none"> Audio keys with LED indication: Mute, speakerphone, headset
	Keys	<ul style="list-style-type: none"> Volume key
	Keys	<ul style="list-style-type: none"> 5-way navigation key
	Keys	<ul style="list-style-type: none"> Cancel key

Network specifications	Configuration	<ul style="list-style-type: none"> SIP (RFC3261) DHCP, NTP HTTP / HTTPS / TFTP HTTPS server / client Transport layer security (TLS) SRTP (RFC3711), SIPS, RTCP 802.1X Authentication and EAPOL VPN support LLDP-MED, RTCP-XR Password-protected web interface
	IP	<ul style="list-style-type: none"> Dual Stack IPv4 / IPv6 VLAN (IEEE 802.1Q)
	Provisioning	<ul style="list-style-type: none"> Automatic loading of settings via HTTP / HTTPS / TFTP DHCP Options 66/67 Gigaset Redirect and Provisioning Environment (GRAPE) support Remote management via TR-069 / TR-111 Configurable through web interface

Connectivity	LAN connection	<ul style="list-style-type: none"> 2x RJ45-8P8C Gigabit Ethernet ports Power over Ethernet (PoE) IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)
	Headset connection	<ul style="list-style-type: none"> 4P4C; support for Gigaset EHS Adapter (optional accessory)
	USB connection	<ul style="list-style-type: none"> 1x USB 2.0 host port, Type A, Hi / Full / Low-speed
	Handset	<ul style="list-style-type: none"> Hearing aid compatible (HAC) handset
	Interoperability	<ul style="list-style-type: none"> Interoperable with all major IP PBX platforms

Phonebook	Contacts	<ul style="list-style-type: none"> LDAP (Directory) XML browser
	Address book	<ul style="list-style-type: none"> Local directory with 2000 entries

Telephony	VoIP	<ul style="list-style-type: none"> 12 SIP identities / accounts
	Call groups	<ul style="list-style-type: none"> 3-way conferencing on the phone
	Localization	<ul style="list-style-type: none"> Language, time, dial tone
	Other features	<ul style="list-style-type: none"> Menu-driven user interface Multiple language support
Dial functions	Functions	<ul style="list-style-type: none"> Call forwarding Caller identification Call waiting Call lists for dialed, received, missed calls Call completion (busy / unreachable) (if supported by PBX) Call park, call unpark (if supported by PBX) Speed dialing Hold Music on hold (if supported by PBX) Automatic redial on busy Auto-answer Blind and attended transfer Extension monitoring, call pickup (if supported by PBX) Multicast paging URL dialing Local dial plan Client matter code (CMC) (if supported by PBX)
	Dialing procedure	<ul style="list-style-type: none"> DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	<ul style="list-style-type: none"> Call blocking (deny list) DND mode (do not disturb)
	Dial lock	<ul style="list-style-type: none"> Keyboard lock
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> Red LED for call indication / message waiting
Power	Power supply	<ul style="list-style-type: none"> PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	<ul style="list-style-type: none"> 5V DC (SELV)
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> Without foot stand: 243 x 210 x 82 mm (9.57" x 8.27" x 3.23") With foot stand: 243 x 173 x 178 mm (9.57" x 6.8" x 7") Weight (approximately): 1.04 kg (2.3 lbs)
Ordering information	Color	<ul style="list-style-type: none"> Gunmetal Black
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> 0°C to 35°C (32°F to 95°F)
	Storage temperature	<ul style="list-style-type: none"> -10°C to 45°C (14°F to 113°F)
	Humidity	<ul style="list-style-type: none"> 5% to 95% (non-condensing)
Accessories	Key module	<ul style="list-style-type: none"> Gigaset P800 KEY PRO for additional freely programmable function keys
	EHS adapter	<ul style="list-style-type: none"> Gigaset EHS Adapter
	Power adapter	<ul style="list-style-type: none"> Gigaset 5Vdc power adapter
Scope of delivery	1x	<ul style="list-style-type: none"> Desk phone
	1x	<ul style="list-style-type: none"> Foot stand
	1x	<ul style="list-style-type: none"> Handset with cord

Gigaset P820 IP PRO & Gigaset P825 IP PRO

The professional IP desk phone for everyday office life

Highlights:

- 5" (480x272) color TFT display
- Adjustable display (P825 IP PRO only)
- 8 (28) configurable self-labeling multicolor LED keys
- 1 USB port
- Elegant design
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45) with Power over Ethernet (PoE) functionality



The Gigaset P820 IP PRO and Gigaset P825 IP PRO combine a versatile feature set and an excellent voice quality in an elegant design and are the perfect companion for almost every task in everyday office life.

Equipped with a high-quality 5" LCD screen, it always offers a very good overview, regardless of the lighting conditions. The 8 freely programmable function keys are ideal as BLF keys or for storing various business relevant functions. The Gigabit switch with PoE support rounds up the feature set.

With the P820 IP PRO and P825 IP PRO Gigaset enables the perfect entry into the world of modern IP telephony.

High-resolution color display

The 5-inch LCD color display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents regardless of the lighting conditions. The P825 IP PRO is even equipped with a seamlessly adjustable screen so you can freely adjust the viewing angle to perfectly suit your needs. You can conveniently keep all important information in sight at any time.

Elegant and compact design

The elegant yet slim design in gunmetal look makes the Gigaset P820 IP PRO and Gigaset P825 IP PRO an eye-catcher in every office environment. The phone is compact in size and can be easily fitted on your desk.

Self-labelling function keys

Using the 8 programmable function keys, you can easily customize your desk phone to suit your personal needs. Perform common tasks and all needed and important functions quickly and conveniently at the touch of a button.

Excellent sound quality

The Gigaset P820 IP PRO and Gigaset P825 IP PRO deliver the highest audio quality. They are equipped with HD audio and on top of that work with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

Gigaset

Technical Specifications

Audio	Codecs	<ul style="list-style-type: none"> G.711 A-law, u-law G.722 (wideband) G.723, G.726, G.729ab, GSM 6.10 (FR)
	Ringtones	<ul style="list-style-type: none"> Built-in assignable ringtones
	Other features	<ul style="list-style-type: none"> Comfort noise generator (CNG) Voice activity detection (VAD)

Display	Size (inch)	<ul style="list-style-type: none"> 5"
	Resolution	<ul style="list-style-type: none"> 480 x 272 pixel
	Type	<ul style="list-style-type: none"> TFT color display
	Other features	<ul style="list-style-type: none"> Continuously adjustable (P825 IP PRO only)

Keyboard	Keys	<ul style="list-style-type: none"> 4 context sensitive keys
	Keys	<ul style="list-style-type: none"> 8 programmable line / function keys with multicolor LEDs
	Keys	<ul style="list-style-type: none"> Dedicated keys for: Message, call history, transfer, hold, conference
	Keys	<ul style="list-style-type: none"> Audio keys with LED indication: Mute, speakerphone, headset
	Keys	<ul style="list-style-type: none"> Volume key
	Keys	<ul style="list-style-type: none"> 5-way navigation key
	Keys	<ul style="list-style-type: none"> Cancel key

Network specifications	Configuration	<ul style="list-style-type: none"> SIP (RFC3261) DHCP, NTP HTTP / HTTPS / TFTP HTTPS server / client Transport layer security (TLS) SRTP (RFC3711), SIPS, RTCP 802.1X Authentication and EAPOL VPN support LLDP-MED, RTCP-XR Password-protected web interface
	IP	<ul style="list-style-type: none"> Dual Stack IPv4 / IPv6 VLAN (IEEE 802.1Q)
	Provisioning	<ul style="list-style-type: none"> Automatic loading of settings via HTTP / HTTPS / TFTP DHCP Options 66/67 Gigaset Redirect and Provisioning Environment (GRAPE) support Remote management via TR-069 / TR-111 Configurable through web interface

Connectivity	LAN connection	<ul style="list-style-type: none"> 2x RJ45-8P8C Gigabit Ethernet ports Power over Ethernet (PoE) IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)
	Headset connection	<ul style="list-style-type: none"> 4P4C; support for Gigaset EHS Adapter (optional accessory)
	USB connection	<ul style="list-style-type: none"> 1x USB 2.0 host port, Type A, Hi / Full / Low-speed
	Handset	<ul style="list-style-type: none"> Hearing aid compatible (HAC) handset
	Interoperability	<ul style="list-style-type: none"> Interoperable with all major IP PBX platforms

Phonebook	Contacts	<ul style="list-style-type: none"> LDAP (Directory) XML browser
	Address book	<ul style="list-style-type: none"> Local directory with 2000 entries

Telephony	VoIP	<ul style="list-style-type: none"> 12 SIP identities / accounts
	Call groups	<ul style="list-style-type: none"> 3-way conferencing on the phone
	Localization	<ul style="list-style-type: none"> Language, time, dial tone
	Other features	<ul style="list-style-type: none"> Menu-driven user interface Multiple language support
Dial functions	Functions	<ul style="list-style-type: none"> Call forwarding Caller identification Call waiting Call lists for dialed, received, missed calls Call completion (busy / unreachable) (if supported by PBX) Call park, call unpark (if supported by PBX) Speed dialing Hold Music on hold (if supported by PBX) Automatic redial on busy Auto-answer Blind and attended transfer Extension monitoring, call pickup (if supported by PBX) Multicast paging URL dialing Local dial plan Client matter code (CMC) (if supported by PBX)
	Dialing procedure	<ul style="list-style-type: none"> DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	<ul style="list-style-type: none"> Call blocking (deny list) DND mode (do not disturb)
	Dial lock	<ul style="list-style-type: none"> Keyboard lock
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> Red LED for call indication / message waiting
Power	Power supply	<ul style="list-style-type: none"> PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	<ul style="list-style-type: none"> 5V DC (SELV)
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> Without foot stand: 243 x 210 x 82 mm (9.57" x 8.27" x 3.23") With foot stand: 243 x 173 x 178 mm (9.57" x 6.8" x 7") Weight (approximately): 1.04 kg (2.3 lbs)
Ordering information	Color	<ul style="list-style-type: none"> Gunmetal Black
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> 0°C to 35°C (32°F to 95°F)
	Storage temperature	<ul style="list-style-type: none"> -10°C to 45°C (14°F to 113°F)
	Humidity	<ul style="list-style-type: none"> 5% to 95% (non-condensing)
Accessories	Key module	<ul style="list-style-type: none"> Gigaset P800 KEY PRO for additional freely programmable function keys
	EHS adapter	<ul style="list-style-type: none"> Gigaset EHS Adapter
	Power adapter	<ul style="list-style-type: none"> Gigaset 5Vdc power adapter
Scope of delivery	1x	<ul style="list-style-type: none"> Desk phone
	1x	<ul style="list-style-type: none"> Foot stand
	1x	<ul style="list-style-type: none"> Handset with cord

Gigaset P850W IP PRO & Gigaset P855BW IP PRO

The professional IP desk phone for the sophisticated and modern office

Highlights:

- 5" (480x272) color TFT display
- Adjustable display (P855BW IP PRO only)
- 10 (36) configurable self-labeling multicolor LED keys
- 2 USB ports (P850W IP PRO only),
1 USB port (P855BW IP PRO only)
- Bluetooth interface (P855BW IP PRO only)
- Elegant design
- WLAN
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45)
with Power over Ethernet (PoE) functionality



The Gigaset P850W IP PRO and Gigaset P855BW IP PRO are intuitive, elegant and convenient desk phones with a comprehensive range of functions for a variety of workplace scenarios.

The desk phone comes with WiFi capability, 2 USB ports, 10 freely programmable function keys, a Bluetooth interface (P855BW IP PRO only) as well as a Gigabit switch with PoE support.

Meaning it is all set for almost every task in everyday office life.

With the P850W IP PRO and P855BW IP PRO Gigaset presents the new standard of IP telephony for the modern workplace.

High-resolution color display

The 5-inch TFT color display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents regardless of the lighting conditions. The P855BW IP PRO is even equipped with a seamlessly adjustable screen so you can freely adjust the viewing angle to perfectly suit your needs. You can conveniently keep all important information in sight at any time.

Elegant and compact design

The elegant yet slim design in gunmetal look makes the Gigaset P850W IP PRO and Gigaset P855BW IP PRO an eye-catcher in every office environment. The phone is compact in size and can be easily fitted on your desk.

Self-labelling function keys

Using the 10 programmable function keys, you can easily customize your desk phone to suit your personal needs. Perform common tasks and all needed and important functions quickly and conveniently at the touch of a button.

Excellent sound quality

The Gigaset P850W IP PRO and Gigaset P855BW IP PRO deliver the highest audio quality. They are equipped with HD audio and on top of that work with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

Gigaset

Technical Specifications

Audio	Codecs	<ul style="list-style-type: none"> G.711 A-law, u-law G.722 (wideband) G.723, G.726, G.729ab, GSM 6.10 (FR)
	Ringtones	<ul style="list-style-type: none"> Built-in assignable ringtones
	Other features	<ul style="list-style-type: none"> Comfort noise generator (CNG) Voice activity detection (VAD)

Display	Size (inch)	<ul style="list-style-type: none"> 5"
	Resolution	<ul style="list-style-type: none"> 480 x 272 pixel
	Type	<ul style="list-style-type: none"> TFT color display
	Other features	<ul style="list-style-type: none"> Continuously adjustable (P855BW IP PRO only)

Keyboard	Keys	<ul style="list-style-type: none"> 4 context sensitive keys
	Keys	<ul style="list-style-type: none"> 10 programmable line / function keys with multicolor LEDs
	Keys	<ul style="list-style-type: none"> Dedicated keys for: Message, directory, call history, transfer, hold, conference
	Keys	<ul style="list-style-type: none"> Audio keys with LED indication: Mute, speakerphone, headset
	Keys	<ul style="list-style-type: none"> Volume key
	Keys	<ul style="list-style-type: none"> 5-way navigation key
	Keys	<ul style="list-style-type: none"> Cancel key

Network specifications	Configuration	<ul style="list-style-type: none"> SIP (RFC3261) DHCP, NTP HTTP / HTTPS / TFTP HTTPS server / client Transport layer security (TLS) SRTP (RFC3711), SIPS, RTCP 802.1X Authentication and EAPOL VPN support LLDP-MED, RTCP-XR Password-protected web interface
	IP	<ul style="list-style-type: none"> Dual Stack IPv4 / IPv6 VLAN (IEEE 802.1Q)
	Provisioning	<ul style="list-style-type: none"> Automatic loading of settings via HTTP / HTTPS / TFTP DHCP Options 66/67 Gigaset Redirect and Provisioning Environment (GRAPE) support Remote management via TR-069 / TR-111 Configurable through web interface

Connectivity	WLAN standard	<ul style="list-style-type: none"> WLAN IEEE 802.11n/ac
	LAN connection	<ul style="list-style-type: none"> 2x RJ45-8P8C Gigabit Ethernet port Power over Ethernet (PoE) IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)
	Bluetooth connection	<ul style="list-style-type: none"> Bluetooth 5.2 (P855BW IP PRO only)
	Headset connection	<ul style="list-style-type: none"> RJ9-4P4C socket (headset available separately); support for Gigaset EHS Adapter (optional accessory)
	USB connection	<ul style="list-style-type: none"> 2x USB 2.0 host ports (P850W IP PRO only), 1x USB 2.0 host port (P855BW IP PRO only), Type A, Hi / Full / Low-speed
	Handset	<ul style="list-style-type: none"> RJ9-4P4C socket Hearing aid compatible (HAC) handset
	Interoperability	<ul style="list-style-type: none"> Interoperable with all major IP PBX platforms

Phonebook	Contacts	<ul style="list-style-type: none"> • LDAP (Directory) • XML browser
	Address book	<ul style="list-style-type: none"> • Local directory with 2000 entries
Telephony	VoIP	<ul style="list-style-type: none"> • 12 SIP identities / accounts
	Call groups	<ul style="list-style-type: none"> • 3-way conferencing on the phone
	Localization	<ul style="list-style-type: none"> • Language, time, dial tone
	Other features	<ul style="list-style-type: none"> • Menu-driven user interface • Multiple language support
Dial functions	Functions	<ul style="list-style-type: none"> • Call forwarding • Caller identification • Call waiting • Call lists for dialed, received, missed calls • Call completion (busy / unreachable) (if supported by PBX) • Call park, call unpark (if supported by PBX) • Speed dialing • Hold • Music on hold (if supported by PBX) • Automatic redial on busy • Auto-answer • Blind and attended transfer • Extension monitoring, call pickup (if supported by PBX) • Multicast paging • URL dialing • Local dial plan • Client matter code (CMC) (if supported by PBX)
	Dialing procedure	<ul style="list-style-type: none"> • DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	<ul style="list-style-type: none"> • Call blocking (deny list) • DND mode (do not disturb)
	Dial lock	<ul style="list-style-type: none"> • Keyboard lock
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> • Red LED for call indication / message waiting
Power	Power supply	<ul style="list-style-type: none"> • PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	<ul style="list-style-type: none"> • 5V DC (SELV)
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> • Without foot stand: 243 x 210 x 82 mm (9.57" x 8.27" x 3.23") • With desk stand: 243 x 173 x 178 mm (9.57" x 6.8" x 7") • Weight (approximately): 1.04 kg (2.3 lbs)
Ordering information	Color	<ul style="list-style-type: none"> • Gunmetal Black
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> • 0°C to 35°C (32°F to 95°F)
	Storage temperature	<ul style="list-style-type: none"> • -10°C to 45°C (14°F to 113°F)
	Humidity	<ul style="list-style-type: none"> • 5% to 95% (non-condensing)
Accessories	Key module	<ul style="list-style-type: none"> • Gigaset P800 KEY PRO for additional freely programmable function keys

	EHS adapter	• Gigaset EHS Adapter
	Power adapter	• Gigaset 5Vdc power adapter

Scope of delivery	1x	• Desk phone
	1x	• Foot stand
	1x	• Handset with cord
	1x	• Quick Start Guide

Datasheet 28.02.2025
Version

Un combiné polyvalent pour une utilisation quotidienne, avec un large éventail de fonctions

Le nouveau Gigaset S700H PRO est idéal pour une utilisation professionnelle quotidienne. Il est équipé d'un grand écran TFT 2,4 pouces pour une bonne lisibilité et son boîtier résistant aux rayures et aux désinfectants offre une prise en main confortable. L'excellente autonomie de la batterie, avec jusqu'à 300 heures en veille, fait du Gigaset S700H PRO le combiné professionnel idéal pour une utilisation quotidienne. Il intègre également des fonctions spécifiques telles que le mode Hôtel, le bouton d'alarme programmable, les profils audio personnalisables afin de s'adapter aux besoins de plusieurs utilisateurs. Le combiné offre une connectique Bluetooth® 4.2 et une prise jack 3,5 mm pour se connecter aux casques sans fil ou filaires. Le Gigaset S700H PRO est bien sûr optimisé pour une utilisation avec tous les systèmes professionnels Gigaset DECT. Il peut aussi être utilisé avec d'autres bases compatibles CAT-iq & GAP dans des environnements monocellulaires et multicellulaires.



Fonctionnalités principales

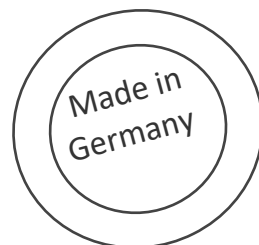
- Grand écran couleur lumineux TFT 2,4"
- Interface intuitive pour une utilisation facile
- Compatible casques via Bluetooth® 4.2 et prise Jack 3,5 mm
- Touche d'appel d'urgence programmable
- Les profils audio peuvent être sélectionnés rapidement à l'aide d'une touche distincte
- Boutons latéraux pour ajustement du volume pendant la conversation
- Classe de protection IP40 et étanchéité contre la poussière métallique
- Mode mains-libres avec son haute qualité même à volume élevé (technologies HDSP/CAT-IQ 2.0)
- Mode hôtel - suppression automatique des données sensibles
- SUOTA - Mise à jour logicielle OTA (Over The Air)
- Résistant aux rayures et désinfectants
- Annuaire téléphonique local (max 500 vCards) avec fonction de recherche et accès à l'annuaire téléphonique de l'entreprise via PBX (XML, LDAP)²
- Échange de données via Bluetooth® ou Micro-USB
- Vibreur
- Suppression de la sonnerie du socle pendant les appels
- Verrouillage du clavier avec protection par code PIN
- Autonomie :
 - Jusqu'à 12 heures en conversation
 - Jusqu'à 300 heures en veille
 - Chargement via Micro-USB
 - Socle de charge inclus
 - Compatibilité totale avec les systèmes professionnels Gigaset DECT

Mode Hôtel et touche d'appel d'urgence

Lorsque ce mode est activé, toutes les listes d'appels et autres données privées sont supprimées de l'appareil à un intervalle prédéfini afin que le prochain client de l'hôtel ou chambre d'hôte ne puisse pas y accéder. Cette option permet à l'administrateur de répondre plus facilement aux exigences de sécurité des utilisateurs. Le Gigaset S700H PRO est également équipé d'une touche d'appel d'urgence programmable : celle-ci permet de lancer directement un appel envers un service (réception, poste de sécurité) au moyen d'un numéro pré-enregistré.

Résistant aux désinfectants et aux rayures

La surface du Gigaset S700H PRO est protégée contre les rayures grâce à un revêtement plus dur. Cela rend également le combiné compatible avec l'utilisation de produits désinfectants antibactériens et virucides. Le boîtier est également conçu pour résister aux poussières métalliques (classe IP40).



Interface utilisateur

- Interface utilisateur
- Affichage graphique de 2,4" - TFT QVGA, écran couleur 240 x 320 jusqu'à 8 lignes et 65 000 couleurs
- Interface utilisateur intuitive avec icônes, touches écran, touche de navigation 5 directions, touches de fonctions et touches latérales

Répertoire et numérotation

- Carnet d'adresses local jusqu'à 500 entrées vCard
- Entrées vCard : prénom et nom de famille, 3 numéros, e-mail, rappel de date, mélodies VIP et affichage de l'appelant avec image
- Accès à l'annuaire PBX avec fonction de recherche (LDAP et XML)²
- Répertoire public en ligne avec remplacement de nom automatique
- 3 journaux d'appels distincts (manqués/entrants/sortants) avec 20 entrées chacun indiquant CLIP/CNIP, heure et date
- Répétition des 20 derniers numéros composés
- Touches de numérotation abrégée (touches écran, 9 touches de numérotation)
- Mode silencieux, verrouillage du clavier, touche Flash
- Rappel automatique

Appels entrants

- Affichage de l'appelant avec CLIP, image locale de l'appelant et CNIP
- Sonneries individuelles pour les entrées VIP et les appelants internes
- Mode silencieux lors d'un appel anonyme
- Vibreur

Appels manqués

- Indication sur l'écran et clignotement de la touche Messages
- Liste contenant jusqu'à 20 appels avec indication du numéro et heure de l'appel
- Liste des appels manqués des systèmes GAP mono-cellulaires et multi-cellulaires gérée localement
- Appel direct possible depuis la liste d'appels manquée

Audio

- Audio HD supportant HDSP™/CAT-IQ 2.0
- Fonction Mains-libres avec un son d'une clarté exceptionnelle
- Touches latérales pour un réglage intuitif du volume
- 32 sonneries au choix avec 5 niveaux de volume et un effet crescendo
- Choix du profil audio (personnalisé, faible et fort)
- Casque via Bluetooth ou Jack 3,5 mm

Clavier

- Rétroéclairé et anti-rayures
- Touche Messages clignotante
- Touche R dédiée
- Touches de profil pour une adaptation rapide à votre environnement : fort/faible/personnalisé
- Touches latérales pour un réglage rapide du volume
- Verrouillage du clavier (touche #) avec protection par code PIN • • • Touche Silencieux

Mode hôtel

Cette nouvelle option Gigaset offre :

- Les données telles que les listes d'appels peuvent être supprimées à intervalle de temps prédéfini
- Blocage des touches programmables
- La fonction messagerie vocale peut être activée/désactivée
- Le menu Bluetooth est désactivé
- Une fonction calendrier réduite - aucune entrée possible
- Réinitialiser les codes pour :
 - Restauration de la langue de menu par défaut
 - Restauration de l'économiseur d'écran par défaut
- Utilisation restreinte du port Micro-USB :
 - Échange de données
 - Le logiciel Gigaset QuickSync ne peut pas être utilisé
 - Système de récupération d'urgence des données
 - La recharge via USB est possible

Fonctionnalités optionnelles²

- Organiseur avec calendrier et fonctions de rappel
- Lecteur d'e-mail
- Services d'information
- Économiseur d'écran (image, diaporama, heure, services d'information)
- Chargement même lorsque le combiné est éteint
- Signal d'avertissement d'entrée ou de sortie de la zone de couverture DECT
- Le chargeur ne sonne pas en cas de double appel

Logiciel Gigaset QuickSync

- Logiciel téléchargeable gratuitement pour Windows et OS X
- Connexion via micro-USB ou Bluetooth®.
- Synchronisation du répertoire du combiné avec Microsoft Outlook®
- Chargement d'images CLIP et d'économiseurs d'écran
- Téléchargement de sons (mélodies) depuis votre ordinateur sur le combiné
- Mise à jour du firmware
- Computer Telephone Integration (CTI) :
 - Numérotation directe des contacts Microsoft Outlook® Microsoft
 - Affichage des appels entrants sur l'ordinateur sur Windows et OSX

Compatibilité

- Optimisé et recommandé pour les appareils suivants :
 - Systèmes monocellulaires Gigaset pro (ex. N510IP PRO)
 - Systèmes multicellulaires Gigaset pro (N720IP PRO)
 - Bases DECT compatibles GAP (systèmes monocellulaires et multicellulaires)

Interface

- DECT
- Bluetooth®
- Casque Bluetooth® (profil mains libres et casque)
- Transfert de données et mise à jour du firmware avec Gigaset QuickSync
- Échange vCard avec téléphones mobiles
- Micro-USB
- Chargement sur base fournie
- Prise casque 3,5 mm

Portée DECT

- Intérieure : jusqu'à 50 mètres
- Extérieure : jusqu'à 300 mètres

Caractéristiques ECO -DECT

- Jusqu'à 60 % d'économies d'énergie grâce au bloc secteur à basse consommation
- Mode ECO : réduction manuelle de la puissance de transmission des bornes et de tous les combinés enregistrés
- Réduction variable de la puissance de transmission en fonction de la distance entre le combiné et la borne (combiné uniquement)

Autonomie

- Conversation : jusqu'à 13 heures
- En veille : jusqu'à 300 heures

Conditions d'utilisation

- Classe de protection : IP40
- Température de fonctionnement : +5 et +45 °C
- Température de stockage : -20 à +70 °C
- Humidité relative : 20 % et 75 % sans condensation

Connectivité

Options de connexion multiples avec le S700H PRO



Dimensions

- Combiné : (H x l x e) 151 x 49 x 26 mm
- Chargeur : (L x l x h) 40 x 81 x 80 mm
- Packaging : (L x l x h) 224 x 166 x 60 mm
- Poids total : environ 330 g

Contenu du packaging

- 1 x combiné S700H PRO
- 1 x couvercle de batterie
- 2 x batteries AAA (NiMH)
- 1 x clip de ceinture
- 1 x chargeur
- 1 x bloc secteur du chargeur
- 1 x manuel d'utilisation

Accessoire

Clip-ceinture 360°

Le clip ceinture robuste pivotant Gigaset en plastique de haute qualité se compose de deux parties - le porte-combiné et le clip ceinture. Cela permet au S700H PRO d'être attaché à une ceinture ordinaire. Grâce à la fonction de rotation 360°, le combiné est fixé de manière optimale et offre toujours la liberté de mouvement souhaitée. Toutes les connexions de l'appareil sont toujours librement accessibles.



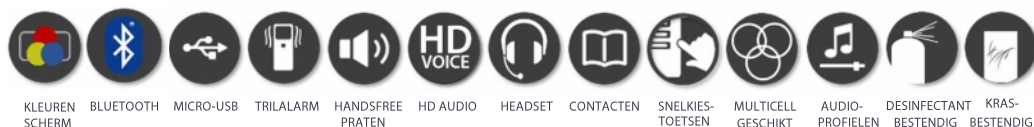
Référence	Gencod
S700H PRO	4250366861838

1. Planifié pour la mise à jour CAT-iq 2.1
2. Dépend du fournisseur de la base et/ou PBX

Made in
Germany

Slank en compact, zonder concessies in prestaties of functionaliteit

De SL800H PRO is de kleinste en lichtste DECT-handset in het Gigaset Professional-portfolio. Ondanks zijn kleine afmetingen beschikt hij over een groot 2,4-inch kleurenscherm en de nieuwste technologie. Nieuwe functies zijn onder meer Bluetooth® 4.2 en een geïntegreerde 3,5 mm-aansluiting, waardoor zowel draadloze als bedrade headsets gebruikt kunnen worden. De uitstekende batterijduur, met maximaal 15 uur spreektijd, het geïntegreerde trilalarm, SUOTA en het hoogwaardige kras- en desinfectiemiddelbestendige oppervlak maken de SL800H PRO de perfecte zakelijke telefoon. De nieuwe hotelmodus en de aparte toets voor het selecteren van audioprofielen vereenvoudigen het gebruik in zakelijke werkomgevingen. De handset is geoptimaliseerd voor gebruik met alle professionele Gigaset DECT-systemen en bovendien kan de SL800H PRO ook worden gebruikt op CAT-iq & GAP -compatibele basisstations in single- of multicellsystemen van externe leveranciers.



Belangrijkste eigenschappen:

- Groot, verlicht 2,4-inch TFT-kleurenscherm
- Headset-bediening via Bluetooth® 4.2 of 3,5 mm-aansluiting
- Maximaal 15 uur gesprekstijd en 300 uur standby-tijd
- Audioprofielen selecteren met een aparte toets
- Handsfreefunctie met heldere HDSP ready TM/CAT-IQ 2.0¹ geluidskwaliteit en hoog maximum volume
- Hotelfunctie: automatisch verwijderen van gevoelige informatie
- SUOTA – software update over the air
- Kras- en desinfectantbestendig
- Lokaal telefoonboek met zoekfunctie en ruimte voor maximaal 500 vCards en toegang tot bedrijfstelefoonboek via PBX (LDAP, XSI en XML)²
- Uitwisselen van data via Bluetooth® of micro-USB
- Trilalarm
- Geen oproepsignaal in de lader bij parallelle oproep (instelbaar)
- Toets sleutel vergrendeling met PIN (noodoproepen mogelijk)
- Opladen:
 - Opladen via micro-USB
 - Opladstation inbegrepen
- Volledig compatibel met Gigaset DECT single- en multicell systemen

Compact formaat – zonder concessies!

De nieuwe Gigaset SL800H PRO handset maakt indruk met zijn compacte ontwerp, grote 2,4-inch TFT-scherm en alle efficiënte functies zoals SUOTA, Bluetooth® 4.2, instelbare audioprofielen en een briljante HDSP-geluidskwaliteit. De reeks van professionele functies wordt gecompleteerd door een trilalarm, micro-USB en een uitstekende batterijduur. De handset is geoptimaliseerd voor Gigaset single- en multicellsystemen en gebruik achter alarmservers.

Extra veiligheid dankzij de nieuwe hotelmodus

Om privégegevens te beschermen, heeft de nieuwe Gigaset SL800H PRO een speciale 'hotelmodus'. Deze modus zorgt er bijvoorbeeld voor dat de oproeplijsten met een vooraf gedefinieerd interval van het toestel verwijderd worden, zodat de volgende hotel- en kamergast geen toegang heeft tot deze gegevens. Hierdoor kan de hotelier makkelijker voldoen aan de veiligheidseisen van de eindgebruikers. Door het gebruik van resetcodes wordt de oorspronkelijke status weer hersteld.

Bestand tegen ontsmettingsmiddelen en krassen

De behuizing, de toetsen en het display bestaan uit een hoogwaardig oppervlak. Bovendien wordt het oppervlak van de handset bij dagelijks gebruik dankzij een hardere oppervlaktecoating beschermd tegen krassen. Dankzij deze coating is de handset ook bestand tegen desinfectiemiddelen, wat het toestel bijzonder geschikt maakt voor grondige reiniging ter voorkoming van bacteriën. Een overzicht van de geteste desinfectiemiddelen vindt u op de **Gigaset Professional Wiki**.



¹⁾ Geplande softwareupdate naar CAT-iq 2.1
²⁾ Afhankelijk van basisstation en/of PBX provider
³⁾ Beschikbaar op een later moment



Slank en compact, zonder concessies in prestaties of functionaliteit!

Technische specificaties

Gebruikersinterface

- Verlicht, grafisch 2,4-inch TFT QVGA kleurenscherm, 240x320 pixels, tot 8 lijnen en 65.000 kleuren
- Intuïtieve en moderne gebruikersinterface met pictogrammen, displaytoetsen, vijf-weg navigatietoets en snelkiestoetsen

Telefoonboek en bellen

- Adresboek met ruimte voor maximaal 500 vCard contacten
- vCard contacten: voor- en achternaam, drie telefoonnummers, e-mailadres, datumherinnering, VIP-beltonen en een foto van de beller
- PBX-telefoonboek met zoekfunctie (LDAP, XSI en XML)²
- Openbaar online telefoonboek met automatische zoekfunctie (auto lookup)²
- Drie afzonderlijke oproeplijsten (gemist, inkomend en uitgaand) met ieder 20 vermeldingen met CLIP/CNIP en tijd/datum
- Nummerherhaling van de laatste 20 ingevoerde nummers
- Snelkiestoetsen (softkeys, 9 numerieke toetsen)
- "Microfoon-uit" toets, toetsvergrendeling en flashtoets
- Automatische nummerherhalingsfunctie

Oproepen ontvangen

- Bellerweergave met CLIP, afbeelding en CNIP
- Individuele oproepmelodieën voor VIP-contacten en interne oproepen
- Anonieme oproepen dempen
- Trilfunctie

Gemiste oproepen

- Signalering op het display en door knipperende berichtentoets (MWI-toets)
- Lijst met maximaal 20 gemiste oproepen inclusief nummerweergave
- Lokale lijst met gemiste oproepen achter GAP single- en multicellsystemen van derden
- Direct bellen vanuit de lijst met gemiste oproepen

Audio

- HDSP tm/CAT-IQ 2.0¹ ondersteunde HD-audio
- Handsfree bellen met uitstekende geluidskwaliteit
- Zijtoetsen voor eenvoudige volumeregeling
- 32 selecteerbare beltonen met 5 volumeniveaus en crescendo
- Selecteerbare audioprofielen (persoonlijk, stil en luid)
- Headset via Bluetooth of 3,5 mm-aansluiting

Toetsenbord

- Verlicht en krasbestendig
- Signalering op het display en door knipperende berichtentoets (MWI-toets)
- Aparte R-toets
- Profieltoets om persoonlijke, stille en luide instellingen direct toe te passen
- Zijtoetsen voor eenvoudige volumeregeling
- Toetsvergrendeling (#-toets) met PIN-beveiliging (noodoproepen mogelijk)
- 'Microfoon uit'-toets

Hotelfunctie,
de nieuwe Gigasetfunctie



¹⁾ Geplande softwareupdate naar CAT-iq 2.1

²⁾ Afhankelijk van basisstation en/of PBX provider

Slank en compact, zonder concessies in prestaties of functionaliteit!

Extra eigenschappen²

- Agenda met kalender- en herinneringsfuncties
- E-maillezer
- Infodiensten
- Screensaver (foto, diavoorstelling, klok, infodienst)
- Accu laadt ook op in uitgeschakelde stand
- Waarschuwingssignaal bij verlaten DECT-bereik en vice versa
- Geen oproepsignaal in de lader bij parallelle oproep, instelbaar

Gigaset QuickSync-software

Gratis software (zowel voor Windows en OSX). Verbind via micro-USB of Bluetooth®

- Synchroniseer het telefoonboek van de handset met Microsoft Outlook
- Upload foto's van bellers/screensavers
- Upload ringtones vanaf een computer naar de handset
- Firmware-update
- Computertelefonieintegratie (CTI)
 - Direct kiezen van Microsoft Outlook-contacten
 - Computer (zowel Windows als OSX) weergave van inkomende oproepen op de

Compatibiliteit

- Geoptimaliseerd en aanbevolen voor:

Gigaset DECT IP singlecellsystemen

- Gigaset N670IP PRO
- Gigaset N510 IP PRO

Gigaset DECT IP multicellsystemen

- Gigaset N870 IP PRO multicell
- Gigaset N720 IP PRO multicell
- GAP en CAT-IQ compatibele DECT-basisstations (zowel single- als multicell)

Interfaces

- DECT
- Bluetooth®
- Bluetooth® headset (handsfree en headsetprofiel)
- Data -uitwisseling en firmware-update met Gigaset QuickSync
- vCard uitwisseling met mobiele telefoons
- Micro-USB
- Opladfunctie
- 3,5 mm-aansluiting voor bedrade headsets

DECT-bereik

- Bereik binnen tot 50 meter
- Bereik buiten tot 300 meter

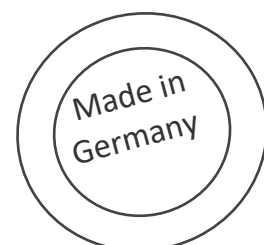
ECO-DECT eigenschappen

- Tot 60% minder energieverbruik dankzij de energiebesparende lader

Gebruiksduur

- Gesprekstijd tot 15 uur
- Standby-tijd tot 300 uur

1) Geplande softwareupdate naar CAT-iq 2.1 2)
Afhankelijk van basisstation en/of PBX provider



Slank en compact, zonder concessies in prestaties of functionaliteit!**Afmetingen**

- Handset: 130 x 51 x 18,5 mm
- Oplader: 70 x 58,4 x 28,6 mm
- Verpakking: 224 mm (L) x 166 mm (B) x 60 mm (T)
- Totaalgewicht inclusief verpakking circa: 347 g

Inhoud van de verpakking

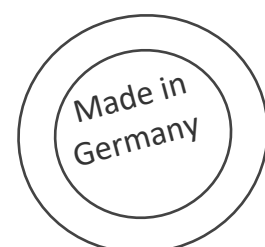
- 1x handset
- 1x accuklep
- 1x Li-ION accu
- 1x riemclip
- 1x oplader voor handset
- 1x voedingsadapter
- 1x gebruikershandleiding

Aanbevolen omstandigheden

- Bedrijfstemperatuur tussen de +5 en +45 °C
- Opslagtemperatuur tussen de -15 en +60 °C
- Algemene luchtvochtigheid tussen 20 en 75%, niet-condenserend

Gigaset SL800H PRO

Ordernummer: S30852-H2975-R102



Un maximum de fonctionnalités dans un combiné design et compact

Le Gigaset SL800H PRO est le combiné DECT le plus petit et le plus léger de la gamme professionnelle de Gigaset. Dans ce format compact et design, il intègre un grand écran couleur de 2,4 pouces et une connectique ultra-complète. Il propose notamment le Bluetooth® 4.2 et un connecteur jack 3,5 mm, pour une compatibilité maximale avec les casques audio avec ou sans fil. L'autonomie exceptionnelle de la batterie, le mode vibreur, la mise à jour logicielle OTA et la résistance du boîtier aux rayures et aux désinfectants font du SL800H PRO le téléphone professionnel idéal. De plus, son tout nouveau mode Hôtel et les profils audio personnalisables en simplifient l'usage dans les environnements de travail multi-utilisateurs. Le Gigaset SL800H PRO fonctionne bien entendu avec tous les systèmes Gigaset DECT professionnels et il peut aussi être utilisé avec d'autres bases compatibles CAT-iq & GAP dans des environnements monocellulaires et multicellulaires



Fonctionnalités principales

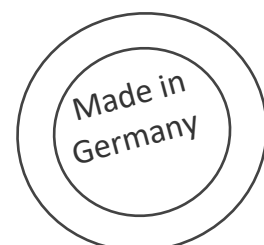
- Grand écran couleur TFT de 2,4" avec interface utilisateur moderne
- Connexion casque via Bluetooth® ou prise de 3,5 mm
- Jusqu'à 15 heures d'autonomie en conversation
- Les profils audio peuvent être sélectionnés rapidement à l'aide d'une touche dédiée
- Fonction mains-libres avec une qualité sonore HDSP/CAT-IQ 2.0 exceptionnelle même avec un volume maximal élevé
- Mode Hôtel : suppression automatique des données sensibles
- SUOTA : Mise à jour logicielle OTA (Over-the-air)
- Résistance aux rayures et aux produits désinfectants
- Répertoire local 500 vCards avec fonction recherche
- Accès au répertoire de l'entreprise via le PBX (XML, LDAP)²
- Transfert de données via Bluetooth® ou Micro-USB
- Vibreur
- Le chargeur ne sonne pas en cas de double appel
- Verrouillage du clavier avec protection par code PIN pour une sécurité optimale
- Chargement :
 - via Micro-USB
 - via le socle de charge
- Compatibilité totale avec les systèmes Gigaset monocellulaires et multicellulaires

Confidentialité avec le mode Hôtel

Pour protéger les données privées, le nouveau Gigaset SL800H PRO dispose d'un mode Hôtel. Cette option permet la suppression de toutes les listes d'appels et autres données saisies à intervalles de temps prédéfinis afin que le prochain client de l'hôtel ou de la chambre ne puisse pas y accéder. Les codes de réinitialisation permettent de restaurer l'état d'origine du téléphone.

Résistance aux rayures et aux produits désinfectants

Le combiné est fabriqué dans un polymère de grande qualité. La surface du combiné et son clavier sont protégés par un revêtement résistant aux rayures et aux effets des produits désinfectants classiques, antibactériens et virucides.



Interface utilisateur

- Écran couleur graphique TFT QVGA éclairé de 2,4", 240 x 320 pixels, jusqu'à 8 lignes et 65 000 couleurs
- Interface utilisateur intuitive avec icônes, touches écran, touche de navigation 5 directions et touches de fonction

Répertoire et numérotation

- Répertoire jusqu'à 500 entrées vCard
- Entrées vCard : nom et prénom, trois numéros, adresse e-mail, rappel de date, mélodies VIP et affichage de l'appelant avec image
- Accès répertoire PBX avec fonction de recherche (LDAP et XML)²
- Accès répertoire public en ligne avec recherche automatique²
- 3 journaux d'appels distincts (manqués/entrants/sortants) de 20 entrées chacun avec CLIP/CNIP et heure/date¹
- Répétition des 20 derniers numéros composés
- Touches de numérotation abrégée (touches écran, 9 touches numériques)
- Mode silencieux, verrouillage du clavier et touche flash
- Fonction de rappel automatique

Appels entrants

- Affichage de l'appelant avec CLIP, image CLIP et CNIP
- Sonneries individuelles pour les entrées VIP et les appelants internes
- Désactivation de la sonnerie pour les appels masqués
- Vibreur

Appels manqués

- Signalisation sur l'écran et par clignotement de la touche des messages en attente
- Liste contenant jusqu'à 20 appels manqués avec indication de l'appelant¹
- Liste locale des appels manqués dans des systèmes monocellulaires et multicellulaires tiers avec GAP¹
- Numérotation directe à partir de la liste des appels manqués

Audio

- Son HD avec HDSP™/CAT-IQ 2.01
- Fonction mains-libres avec une excellente qualité sonore
- Touches latérales pour un réglage facile du volume
- 32 sonneries au choix avec 5 niveaux de volume et un effet crescendo
- Choix de profils audio (personnalisé, faible et fort)
- Casque via Bluetooth ou prise 3,5-mm

Clavier

- Rétro-éclairé et résistant aux rayures
- Touche de messages en attente avec témoin clignotant
- Touche « R » dédiée
- Touche de profil pour appliquer directement les profils personnalisé, fort ou faible
- Touches latérales pour un réglage facile du volume
- Verrouillage du clavier (touche #) avec protection par code PIN
- Touche « Mute »

Mode Hôtel

Cette nouvelle fonction Gigaset offre :

- Les données telles que les listes d'appels peuvent être supprimées à intervalles de temps réguliers
- Blocage des touches programmables
- L'option messagerie peut être activée ou non
- Le menu Bluetooth est désactivé
- Une fonction « calendrier » réduite - impossibilité d'ajouter des entrées
- Code de réinitialisation pour :
 - Restaurer la langue par défaut
 - Restaurer l'économiseur d'écran par défaut
- Utilisation restreinte du port Micro-USB :
 - Transfert de données
 - Système de récupération d'urgence des données
 - Le logiciel Gigaset QuickSync ne peut être utilisé
 - Charge via USB possible

Fonctionnalités optionnelles²

- Organiseur avec fonctions de calendrier et de rappel
- Lecteur d'e-mails
- Services d'information
- Économiseur d'écran (image, diaporama, heure, services d'information)
- Chargement de la batterie même lorsque le combiné est éteint
- Signaux d'avertissement en cas d'entrée et de sortie de la zone de couverture DECT
- Le chargeur ne sonne pas en cas de double appel avec un autre appareil enregistré sur le même utilisateur

Logiciel Gigaset QuickSync

- Logiciel à télécharger gratuitement pour Windows et OS X
- Connexion via micro-USB ou Bluetooth®.
- Synchronisation du répertoire de votre combiné avec Microsoft Outlook®
- Téléchargement d'images CLIP et d'économiseurs d'écran
- Téléchargement de sonneries depuis l'ordinateur vers le combiné
- Mise à jour du micrologiciel
- Computer telephony integration (CTI) :
 - Numérotation directe à partir des contacts Microsoft Outlook®
 - Affichage des appels entrants sur l'ordinateur, aussi bien sur Windows que sur OSX

Compatibilité

- Optimisé et recommandé pour les appareils suivants :
 - Systèmes monocellulaires Gigaset pro (ex. N510IP PRO)
 - Systèmes multicellulaires Gigaset pro (ex. N720IP PRO)
- Bases DECT compatibles GAP (systèmes monocellulaires et multicellulaires)

Interfaces

- DECT
- Bluetooth®
- Casque Bluetooth® (profil mains-libres et casque)
- Transfert de données et mise à jour du micrologiciel avec Gigaset QuickSync
- Échange de vCards avec des téléphones mobiles
- Micro-USB
- Fonction de chargement
- Transfert de données et mise à jour du micrologiciel avec Gigaset QuickSync
- Prise casque 3,5 mm

Portée DECT

- À l'intérieur : jusqu'à 50 mètres
- À l'extérieur : jusqu'à 300 mètres

ECO -DECT

- Jusqu'à 60 % d'économie d'énergie grâce au bloc d'alimentation à basse consommation

Caractéristiques ECO -DECT

- Jusqu'à 60 % d'économies d'énergie grâce au bloc secteur à basse consommation
- Mode ECO : réduction manuelle de la puissance de transmission des bornes et de tous les combinés enregistrés
- Réduction variable de la puissance de transmission en fonction de la distance entre le combiné et la borne (combiné uniquement)

Connectivité

Options de connexion multiples avec le SL800H PRO



Autonomie

- En conversation : jusqu'à 15 heures
- En veille : jusqu'à 300 heures

Conditions d'utilisation

- Température de fonctionnement entre +5 et +45 °C
- Température de stockage entre -15 et +60 °C
- Humidité relative entre 20 % et 75 %, sans condensation

Dimensions

- Combiné : (H x l x e) 130 x 51 x 18,5 mm
- Chargeur : (L x l x h) 70 x 58,4 x 28,6 mm
- Packaging : (L x l x h) 224 x 166 x 60 mm
- Poids total : environ 347 g

Contenu du packaging

- 1 x combiné SL800H PRO
- 1 x couvercle de batterie
- 1 x clip ceinture
- 1 x batterie Li-Ion
- 1 x chargeur pour combiné
- 1 x manuel d'utilisation
- 1 x prise secteur

Référence	Gencod
SL800 PRO	4250366862927
SL800H PRO	4250366861661

1. Planifié pour la mise à jour CAT-iq 2.1

2. Dépend du fournisseur de la base et/ou PBX

Gigaset SL800 PRO

Contient un combiné SL800H PRO et une base DECT avec port analogique (pstn)





The new R700H PRO is the robust, shockproof, dustproof and waterproof handset according to IP65 in the Gigaset Professional portfolio. Whether shocks from falling, water jets or dust, the handset is designed to be protected against most external impacts. In addition to these features the device is also equipped with a rubber surface that is resistant to disinfectants. This gives it perfect grip in the hand and in addition it comes in with an elegant design. The handset is equipped with many business functions. The R700H PRO has a big 2.4" colour display and a headset connection via Bluetooth® 4.2 or the integrated 3.5 mm jack. As an enduring companion due to the outstanding battery life, the integrated LED for visual call indication or use as a torch and the convenient vibrating alert, the handset allows you to maintain your communication even in a noisy work environment e.g. in a production facility outdoor area a service garage or a logistics environment. The handset is optimised for use with all professional Gigaset DECT systems. In addition, the R700H PRO can also be used on CAT-iq & GAP compatible base stations in third party single and multi-cell environments.



● Feature highlights

- Shockproof, dustproof and waterproof according to IP65
- Non-slip rubberised surface
- Programmable alarm-/function button
- Large illuminated 2.4" TFT colour display
- Headset operation via Bluetooth 4.2 or 3.5mm jack
- Handsfree talking with brilliant HDSP™ /CAT-IQ 2.0¹ acoustic quality and high maximum volume
- Spot LED as torch and for call signalling
- Hotel option: call lists are automatically cleared
- Audio profiles for quick selection in a meeting, in a loud environment or with individual settings
- SUOTA: software update over the air
- Disinfectant resistant and scratch proof surface
- Local phone book with search function and up to 500 vCards and access to company phone book via PBX (XML, LDAP)³
- Data exchange via Bluetooth® or Micro-USB
- Vibrating alert
- No ringing in the charging cradle can be set for parallel calls
- Key lock with PIN protection - emergency call dialling despite PIN protection
- Up to 13h talk time
- Up to 320h standby time
- Charging also via Micro-USB connection
- Charging cradle included free of charge
- Full compatibility with the professional Gigaset DECT single and multi-cell systems

IP65 and disinfectant resistant

In addition to the rubberized surface which gives the device a perfect grip the new R700H PRO is designed in such a way that it can also be operated with work gloves. The display glass is proof against scratches thanks to a harder surface and can therefore be used in extreme working environments. With an IP65 certification, the R700H PRO is protected against shocks and against the ingress of dust and water jets. In addition, the special magnetic shielding makes the R700H PRO resistant to metal dust. The handset has a disinfectant-resistant surface, which simplifies cleaning and thus protects against bacteria and virucides.

Business functions and smart security gadgets

The new Gigaset R700H PRO scores in the professional environment with its large 2.4" TFT colour display and a wide range of business functions such as SUOTA, Bluetooth and a brilliant sound quality. The R700H PRO is completed by the vibration alert, the integrated LED for visual call indication or use as a torch and the separately programmable alarm button to quickly and easily trigger a direct dial or an alarm call. Optimized for Gigaset single and multi-cells and for use behind alarm systems².

Optimized for multi-cells - indoors and outdoors

Whether in dusty production facilities or in wet outdoor conditions: you can be reached everywhere. This is ensured by seamless roaming and call transfer when operating with Gigaset multicell systems. The new R700H PRO offers full freedom of movement and high flexibility for all employees throughout the company premises in all environments.

- Software update to CAT-iq 2.1 planned
- Available at a later date
- Depending on base station and/or PBX, provider

Created to enable your business under challenging conditions!

Technical data

User interface

Illuminated, graphical 2.4" TFT QVGA colour display, 240 x 320 Pixel, up to 8 lines and 65.000 colours

Intuitive, modern user interface with icons, display keys, five way navikey, function keys

Phonebook and dialling

Address book with up to 500 vCard entries vCard entries: first and last name, three numbers, email, date reminder, VIP melodies and picture caller ID

- PBX-directory access with search (LDAP and XML)³
- Public online directory search with auto lookup
- 3 separate calls lists (missed/incoming/outgoing) with 20 entries each with CLIP/CNIP and time/date
- Redialling of last 20 numbers entered
- Short dial keys (soft keys, 9 numeric keys)
- Mute key, key lock and flash key
- Automatic redial function

Receiving calls

- Caller indication displayed via CLIP, picture CLIP and CNIP
- Individual ringer melodies for VIP entries and internal callers
- Anonymous call silencing
- Vibrating alert

Missed calls

- Signalled via display and illuminated message waiting indicator
- List showing up to 20 missed calls with caller indication
- Local missed call list behind 3rd party single and multicell systems with GAP
- Direct dialling of the missed call list

Audio

- HD Audio supporting HDSP™ /CAT-IQ 2.0¹
- Hands free talking with excellent audio quality
- Side keys for easy volume adjustment
- 32 selectable ringer melodies with 5 volume levels and crescendo
- Selectable audio profiles (personal, silent and loud)
- Headset via Bluetooth or 3,5-mm jack

Connectivity

Flexible connection options with the R700H PRO



Keypad

- Programmable alarm-/function button
- Illuminated and scratch resistant
- Message waiting key with blinking LED
- Separate R-button
- Profile key to apply personal, silent and loud settings directly
- Side keys for easy volume adjustment
- Keylock (#-key) with PIN protection
- Mute-button

Hotel-option

- Data such as call lists can be deleted on a time-controlled basis
- Blocking soft key programming
- Voicemail function can be activated/deactivated
- The Bluetooth menu is deactivated
- A reduced calendar function - no entries possible
- Reset codes for the:
 - Restoring the default menu language
 - Restoring the default screen saver
- Restricted use of the Micro-USB port:
 - Data exchange
 - Gigaset QuickSync software cannot be used
 - The disaster recovery system can still be used
- Charging via USB is still possible

¹) Software update to CAT-IQ 2.1 planned

²) Available at a later date

³) Depending on base station and/or PBX, provider

Created to enable your business under challenging conditions!

Additional features ³

- Organizer with calendar and reminder functions
- Email-Reader
- Info services
- Screensaver (picture, slideshow, clock, info service)
- Battery charge also in power off state
- Warning tones when out of the DECT range and visa versa
- Silent charger mode during parallel ringing with other phone registered at the same user
- Alarm, Messaging, Location support^{2,3}
- Simple configuration via Auto-Provisioning³

Gigaset QuickSync-Software

- Software free to download for Windows and OSX. Connect via micro-USB or Bluetooth
- Synchronize your handset directory with Microsoft Outlook^(®)
- Upload of caller pictures / screensaver pictures
- Upload ringtones from computer to handset
- Firmware update
- Computer telephony integration (CTI):
 - Direct dialling of Microsoft Outlook[®] contacts
 - Display of incoming calls on the computer - both on Windows and OSX

Compatibility

Optimized and recommended for:

Gigaset DECT IP singlecell systems

- Gigaset N670IP PRO
- Gigaset N510IP PRO

Gigaset DECT IP multicell systems

- Gigaset N870IP PRO multicell systems
- Gigaset N720IP PRO multicell systems
- GAP and CAT-iq compatible DECT base stations (single and multicell systems)

Interfaces

- DECT
- Bluetooth^(®):
 - ❑ Bluetooth headset (handsfree and headset profile)
 - ❑ Data exchange and firmware update with Gigaset QuickSync
 - ❑ Bluetooth beacon scanning, acting as a beacon³
- vCard exchange with mobile phones
- Micro-USB
- Charging function
- Data exchange and firmware update with Gigaset QuickSync
- 3,5 mm headset connector

DECT – Range

- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters

ECO-DECT features

- Up to 60% less energy consumption through
- energy-saving power supply unit
- ECO mode - Manual reduction of the transmission power of the base station and all registered handsets
- Variable reduction of the transmission power depending on the distance between handset and base station (handset only)

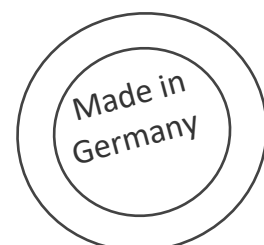
Operation time

- Up to 13 hours of talk time
- Up to 320 hours of standby time

¹⁾ Software update to CAT-iq 2.1 planned

²⁾ Available at a later date

³⁾ Depending on base station and/or PBX, provider



Created to enable your business under challenging conditions!

Dimensions and weights

Handset

- Dimensions (L x W x H in mm): 159 x 54 x 25

Charger

- Dimensions (L x W x H in mm): 75,5 x 74,2 x 44,2

Packaging

- Dimensions (L x B x H in mm): 224 x 166 x 60
- Weight: approx.: 381g

Contents of packaging

- Handset
- Battery cover
- AAA batteries (NiMH)
- Belt clip
- Charger for handset
- Power supply unit
- User manual

Environmental conditions

- Protection class: IP65
- Operating temperature between +5 to +45° C
- Storage temp between -15 bis +65° C
- Relative Humidity between 20% and 75%, non condensating

Gigaset R700H PRO

- Order number: S30852-H2976-R102

Accessories

Gigaset 360° Swivel Belt Clip

- Order number: S30852-Z2976-R142

The robust Gigaset swivel belt clip made of high-quality plastic consists of two parts - the handset carrier and the belt clip. This allows R700H PRO to be attached to an ordinary belt. Due to the 360° rotation feature the handset is optimally fixed and still offers the desired freedom of movement. All connections on the device are still freely accessible.

Standard belt clip⁴:

360° Swivel belt clip:



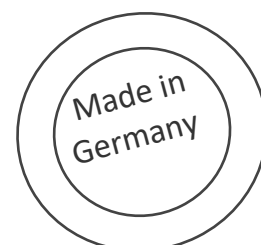
⁴) In standard scope of delivery - colour changed for better display

⁵) Chargeable accessories - colour changed for better

¹) Software update to CAT-iq 2.1 planned

²) Available at a later date

³) Depending on base station and/or PBX, provider



Created to enable your business under challenging conditions and to protect your employees anytime, anywhere!

Highlights

- 2.4" TFT colour display
- Motion sensor for will independent alarm scenarios such as man down alarm, no movement alarm and escape alarm
- Red "SOS" alarm key with domed shape for easier keypress that can even be operated with gloves
- Time alarm: User is prompted to react at specific times
- Technical alarm: Detects local technical faults, sends keep-alive requests
- Different alarm modes: Basic (Call based), Alarm and PNG (both via MQTT API interface)
- Torch LED to indicate an alarm, to better find the person in case of an accident
- Alarm, Messaging and Location (AML) support: Alarm call is sent via MQTT protocol or via a call to the alarm server
- IP65: Protected against dust, metal dust and water jets
- Bluetooth/BLE: Bluetooth beacon and beacon scan to locate the position in case of emergency



The Gigaset R700H protect PRO is the rugged handset from Gigaset that is perfectly equipped for a wide variety of alerting and lone worker scenarios. With its motion sensor, it can detect various automatic alarm scenarios. For manual alarm triggering, it is equipped with a red, domed "SOS" alarm button that is easy to press even when wearing gloves. A notification terminal with icon set for various alarm scenarios, a Bluetooth beacon scan function and an integrated torch LED round off the alarm features.

Alarm, Messaging, Location – Protect your employees

The Gigaset R700H protect PRO is equipped with a motion sensor so it can detect various will-independent alarm types including man down alarm. Therefore it is entitled to be certified for lone worker scenarios (i.e. German DGUV 112-139). It has a programmable red function key with a domed shaped that can easily be pressed even with working gloves in case of manual alarm triggering. An AML messaging terminal and icon set, Bluetooth beacon functionality, integrated torch LED and bi-color LED for Message Waiting Indication (MWI) with status indication complete the set of useful alarming features.

Robustness – cope with challenging conditions

In addition to the rubberized surface which gives the device a perfect grip the new R700H protect PRO is designed in such a way that it can also be operated with work gloves. The display glass is proof against scratches thanks to a harder surface and can therefore be used in extreme working environments. With an IP 65 certification, the R700H protect PRO is protected against the ingress of dust and water jets. In addition, the special magnetic shielding makes the R700H protect PRO resistant to metal dust. The handset has a disinfectant-resistant surface, which simplifies cleaning and thus protects against bacteria and virucides.

Business functions and smart security gadgets

The Gigaset R700H protect PRO scores in the professional environment with its large 2.4" TFT colour display and a wide range of business functions such as SUOTA, Bluetooth, a brilliant sound quality and vibration alert. Optimized for Gigaset single and multi-cells and for use behind alarm systems. Via autoprovisioning the administrator can configure a larger number of handsets remotely. Upload phonebook entries, preset all relevant settings as well as upload and assign ringtones for consistent sound experience.

Made in
Germany

Technical Specifications

R700H Protect

Ordering Information	Colour	black
Keyboard	Functions	<ul style="list-style-type: none"> • Display keys for quick selection of functions • Side button for easy volume control • Alarm button • Key protection on/off via # key with PIN protection • Key lock with PIN protection - Start an alarm despite PIN protection
	Key type	Illuminated, scratch-resistant and easy-to-clean keyboard pad
	Keys	<ul style="list-style-type: none"> • Profile key to apply personal, silent and loud settings directly • 5-way navigation key • Message key with flashing LED • R key • Mute key • 10 number keys
Audio	Audio quality	<ul style="list-style-type: none"> • HD audio with HDSP™ /CAT -IQ 2.1 • Handsfree talking on the handset in best acoustic quality
	Acoustic profiles	Selectable audio profile (personal, DND, quiet and loud)
	Volume	5 volume levels / OFF / crescendo adjustable
Phone book	Address book	<ul style="list-style-type: none"> • Address book for up to 500 entries (vCards) • Contacts: First name, last name, 3 phone numbers, email, anniversary, VIP melody, photo for Picture CLIP.
	Contacts	PBX phone book with search function (XML, XSI and LDAP)
	Phone book transfer	Phone book via Bluetooth®: search, select and download contacts from smartphone
Signalling & display indications	General	<ul style="list-style-type: none"> • Vibration alarm • News Info (MWI)
	CLIP	Caller indication displayed via CLIP, picture CLIP and CNIP
	Ringtones	<ul style="list-style-type: none"> • 32 Ringtones / melodies • Individual ringer melodies for VIP entries and internal callers as well as corresponding alerting scenarios with priority levels
	Missed call	<ul style="list-style-type: none"> • Display and flashing message key signal missed calls and provide convenient access to the message list (LED flashing can be switched on / off) • List showing up to 20 missed calls with caller indication
	Indicator tones	Tones for leaving and re-entering the DECT radio range
	Screen saver	Screensaver (picture, slide show, clock, info service)
	Incoming calls	Spot LED as torch and for call signalling
Service	xHTML (RAP) services	VoIP platform features: DND, Call Divert, Phonebook, Logon / Logoff, Other services
Display	Size (inch)	2.4"
	Resolution	240 x 320 Pixel
	Type	TFT colour display
	Lighting	Amber
	Colours	64 Thousand
Power supply	Talk time	Up to 13 hours
	Stand-by time	Up to 300 hours
	Charging compatibility	Charging even when switched off
	Battery	2 x AAA (NiMH)


 Made in
Germany

Connectivity	Bluetooth connection	<ul style="list-style-type: none"> • Bluetooth 4.1 • Bluetooth Low Energy (BLE) with Bluetooth Beacon and Beacon Scan functionality
	Headset connection	Headset via Bluetooth® or 3.5 mm jack
	USB ports	Connection to PC via micro USB

Compatibility	Standards	<ul style="list-style-type: none"> • DECT • GAP • DECT-CAT-iq 2.1 (handset) • SUOTA (Software update over the air)
	Gigaset products	Full compatibility with the professional Gigaset DECT single and multi-cell systems (N610 IP PRO, N670 IP PRO, N870 IP PRO, N870E IP PRO)

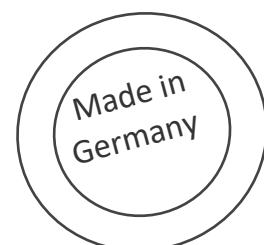
Functions	Alarm, Messaging and Location (AML)	<ul style="list-style-type: none"> • Automated alarms: man down, no motion and escape alarm • Technical alarms: Battery level / DECT signal / Keepalive • Time alarm: User is prompted to respond at specific times • Alarm key "SOS" (Single / Multi / Longpress) • The alarm call is sent to the alarm server via the MQTT protocol or a call • Configurable pre-alarm: Time, melody, volume • Configurable alarm: Time, melody, volume • Pause in/out of charger • Automatic logon from charger • Message transmission: Acoustic and visual message signaling depending on priority • Message icons: 21 in 5 colors • Storage of missed alarm messages • Indication of monitoring and protection status by LED • Transmission of location data to the alarm server (DECT & Bluetooth) • Setting the alarm mode (Basic, Alarm, PNG)
	Calendar	Organiser with calendar and reminder functions

Regulations - Specifications	Protection class	Protection class IP65
	Surface durability	Disinfectant resistant, scratch resistant and protected against metal dust
	Operating temperature	+5 °C to 45 °C ambient temperature
	Operating humidity	Relative humidity between 20% and 75%, non-condensing
	Regulations / Specifications	-15°C to +65°C

Dial functions	Redial	<ul style="list-style-type: none"> • Automatic redial • Redialling the last 20 numbers
----------------	--------	--

Range	Indoors	Up to 50 m
	Outdoors	Up to 300 m

Missed calls & caller lists	Caller list	<ul style="list-style-type: none"> • 3 separate call lists (missed/incoming/outgoing) with 20 entries with CLIP/CNIP and time/date • Locally managed list of missed calls on GAP systems (single/multi-cell systems)
	Direct dial	Direct dialling from the list of missed calls



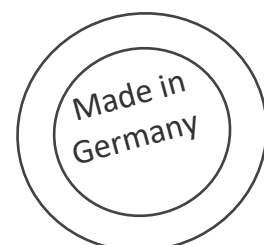
App / Web App	Gigaset QuickSync	<ul style="list-style-type: none"> • Address book synchronisation via QuickSync (Outlook, Google contacts) • Upload CLIP images / screensaver images • Transferring sounds (ringing melodies) from the computer to the handset • Firmware update
	Computer Telephony Integration (uaCSTA)	<ul style="list-style-type: none"> • Direct dialling from your computer • Display of incoming calls on the computer - for Windows and OSX

ECO-DECT	Reduction of energy consumption	Up to 60% less energy consumption due to energy-saving power supply unit
	Reduction of the transmitting power	<ul style="list-style-type: none"> • ECO mode - Manual reduction of the transmitting power of the base station and all registered handsets • Variable reduction of transmission power depending on the distance between handset and base station (handset only)

Network specifications	Provisioning	<ul style="list-style-type: none"> • Remote bulk configuration by administrator to efficiently prepare handsets for deployment • Settings (e.g. display keys, alarm key, emergency numbers) • Menus, e.g. settings - Hide to protect against accidental changes • Upload the phone book • Upload ringtones, assignment and volume • Upload images
------------------------	--------------	---

Dimensions & Weights	Device	Height	Width	Depth	Weight
	Handset	159 mm	54 mm	25 mm	126 g
	Charging cradle	75 mm	74 mm	44 mm	123 g
	Handset incl. charging cradle	168 mm	75 mm	76 mm	249 g

Scope Of Delivery	1x	Handset
	2x	AAA rechargeable batteries
	1x	Beltclip
	1x	Charging cradle
	1x	Security Leaflet



Gigaset Multicharger PRO

Multicharger for Gigaset professional handsets

Compact and space-saving multicharger for up to 6 Gigaset professional DECT handsets. The multicharger can be easily placed on a desk or mounted to a wall. The charger can be customized with optional snap-in modules that are compatible with the different Gigaset PRO handsets. The device has a single power supply via which all connected handsets are supplied with power.

Highlights

- Compact and space-saving design
- 6 handset charging slots
- Compatible with Gigaset handsets S700H PRO, R700H PRO, R700H protect PRO & SL800H PRO
- Customizable with optional snap-in modules for each handset
- LED indication of charging status
- One single power supply with EU, UK and US plug



Logistical information

Item numbers

- Part number: S30852-H3190-R101
- EAN: 4255781906089
- Material number: A5B00101058129

Box content

- Charging base unit
- 6 blind covers
- Power supply with EU, UK and US plug
- User manual

Snap-in module packs (Content: 3 pieces)

Gigaset Multicharger PRO Snap in S:

- Part number: S30852-H2984-X101
- EAN: 4255781906096
- Material number: A5B00101058139

Gigaset Multicharger PRO Snap in R:

- Part number: S30852-H2986-X101
- EAN: 4255781906119
- Material number: A5B00101058145

Gigaset Multicharger PRO Snap in SL:

- Part number: S30852-H2781-X101
- EAN: 4255781906102
- Material number: A5B00101058144

Compatible DECT handsets from the professional series

S700H PRO



The allrounder for daily use behind single- and multi-cells - with a wide range of functions!

R700H PRO



Created to enable your business under challenging conditions!

R700H protect PRO



Created to enable your business under challenging conditions and to protect your employees anytime, anywhere!

SL800H PRO



Slim and micro design without compromising on performance or functionality!

It's your best choice.

Discover more! Contact your Gigaset sales representative, visit gigaset.com/pro or the wiki at wiki.gigaset.com



Gigaset

Comfort 550A IP

PSTN

3 Channels

VoIP

The new standard in comfortable communication at home and for home offices

Timeless and elegant design

2.2" TFT colour display for optimal readability

Hands-free function & headset connection

Three digital answering machines with a recording time of up to 55 minute

Two display keys for important functions

Brilliant audio quality (HDSP™) for VoIP calls

Cloud-based call protection

Cloud-based services and Gigaset apps for connecting to smartphones (iOS/Android)

Can be used flexibly for landline and Internet telephony, provider-independent

Hearing aid compatible

Removable belt clip

Expandable with up to 6 design-compatible
Comfort 550HX handsets.
Expandable with up to 6 Gigaset repeaters.

Particularly suitable for desk use. You get a lot of product for a very low price.

For wearing comfort (eg in your shirt pocket) you can take the smaller
Premium 300A Go.

For rough use (e.g. workshop) you can take the E630A Go.



Expandable with the handset Comfort 550X.
Together an excellent and affordable team for analog and IP
connections up to 6 handsets.

Made in
Germany



De nieuwe standaard in comfortabele communicatie voor thuis én thuishkantoren

Handset voor aanmelding bij bestaande DECT-basisstations en routers

Tijdloos en elegant design

2.2" TFT kleurenscherm voor optimale leesbaarheid

Handsfree-functie & headsetaansluiting

Twee displaytoetsen voor belangrijke functies

Nieuwe comfort-oproepbeveiliging

Eenvoudige bediening

Grote toetsen om te kiezen

Compatibel met hoorapparaten

Afneembare riemclip

Un nouveau combiné sans fil performant et design

Combiné destiné à être appairé à une base ou box DSL/Fibre avec module DECT

Design intemporel et élégant

Écran couleur TFT 2,2" pour une lisibilité optimale

Fonction mains libres

Prise casque 3,5 mm

Deux touches pour les fonctions principales

Protection contre les appels indésirables

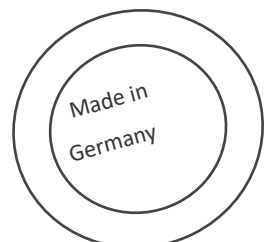
Utilisation simple

Grands caractères pour la numérotation

Compatible avec les appareils auditifs

Clip ceinture amovible

Dedicated and design identical for use as an additional handset on the Comfort 550A IP





Gigaset C570HX

Comfortable Communication

Universal handset to supplement the following:

- Gigaset DECT base stations
- DECT/GAP telephone base stations of other manufacturers
- DECT/GAP routers (e.g., AVM FRITZ!Box)
- Routers with DECT CAT-iq 2.0/2.1 (e.g., Telekom Speedport, TP-LINK Archer VR...v series, o2 HomeBox 2)
- Large TFT colour display (2,2" / 58mm) with modern user interface
- Phonebook for up to 200 contacts with 3 telephone numbers each
- Large illuminated individual keys for secure operation
- Extra-large number display (dial preparation)
- 2 keys for favorite features



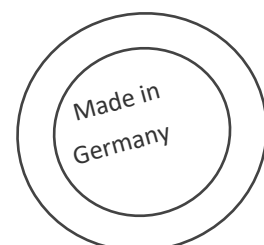


Comfort in every detail.

- Slim design, superbly ergonomic, powerful technology
- Large TFT colour display (58 mm/2.2") with modern user interface
- Large address book for up to 200 contacts with 3 numbers each

Un confort inégalé pour vos communications.

- Design soigné, ergonomie remarquable, fiabilité à toute épreuve
- Grand écran TFT couleur (58 mm/2,2") avec interface utilisateur pratique
- Carnet d'adresses contenant jusqu'à 200 contacts avec 3 numéros chacun

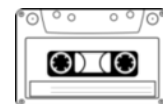




Comfort 550A



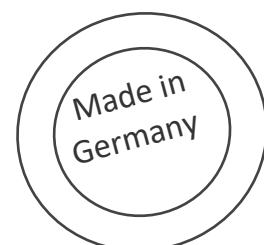
PSTN



Comfort 550A

De Gigaset Comfort 550A is een telefoon die geschikt is voor thuisgebruik. Deze handset heeft een antwoordapparaat dat 30 minuten aan berichten opneemt wanneer jij niet thuis bent. In het telefoonboek sla je 200 contacten op, dus je hebt genoeg ruimte voor al je kennissen, vrienden en familie. Ook heeft deze telefoon nummerherkenning, zodat je altijd ziet wie er belt. Met de handsfree functie heb jij je handen vrij tijdens het bellen. Deze telefoon is geschikt voor een hoorapparaat waardoor jij je gesprekspartner goed verstaat. Geleverd met één handset, u kunt uitbreiden tot in totaal zes handsets door bijvoorbeeld het extra aanschaffen van Comfort 550HX.

Le Gigaset Comfort 550A est un téléphone pour une utilisation à domicile. Cet appareil possède un répondeur enregistrant 30 minutes de messages vocaux lorsque vous n'êtes pas à la maison. Le répertoire téléphonique peut héberger jusqu'à 200 contacts. Vous avez donc assez de place pour vos connaissances, vos amis et votre famille. Ce téléphone dispose également de la présentation du numéro afin que voyiez en permanence qui vous appelle. Grâce au mode mains libres, vos mains ne sont pas sollicitées lorsque vous passez un appel. Vous portez un appareil auditif ? Ce téléphone fixe est compatible avec ce type d'appareil, vous pouvez donc entendre parfaitement votre interlocuteur. Ce produit contient un combiné. En achetant des combinés supplémentaires (par exemple Comfort 550HX), l'extension à un total de 6 combinés est possible.





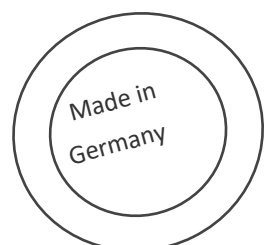
SOS functie



Bompa en Boma gelukkig en veilig thuis

Deze DECT telefoon is geschikt voor alle DECT-compatible routers en Gigaset DECT-basisstations. De handset beschikt over een groot 2,2 inch kleurenscherm met zoomfunctie en grote verlichte knoppen. Hierdoor is de E370HX eenvoudig te bedienen voor alle leeftijden.

- Voor basisstations van Gigaset en DECT-compatible routers
- Uitstekende geluidskwaliteit in HD Voice (CAT-iq 2.0)
- Groot verlicht 2,2 inch TFT kleurendisplay met zoomfunctie
- SOS functietoets om familie en vrienden snel te bereiken
- Grote verlichte toetsen voor makkelijke bediening



E630HX



Universal Handset

E630 HX

- Universal Handset E630HX
- + 1 Power supply + Charger bay



HD
VOICE



The robust phone for the tough situations of every day life

- Resistant to shocks, dust- and water-proof IP65
- Easy change between indoor and outdoor via profile key
- Vibra call
- Side key - easy volume control; R-key; comfortable PBX integration

Supports:

- ZX300 Headset





The perfect one

- Cordless telephone with compact handset
- High-quality materials and workmanship and with a real metal charging cradle
- Large TFT colour display (2.4")
- An extra-large address book for up to 500 contacts (vCard) with 3 telephone numbers each
- Excellent acoustics with audio profiles that can be set quickly using function keys
- Micro USB for data synchronisation with the PC
- Handsfree mode in brilliant, full-duplex quality
- 2.5 mm Headset connection
- Call display with picture (Picture CLIP)



All good: The PREMIUM 300 convinces visually and acoustically

Some place great value on looks, others on acoustics - the Gigaset PREMIUM 300 combines both to perfection: this compact handset looks good and has a high-quality finish, it fits perfectly in the hand and can also be heard. It is compact, but has a brilliant, surprisingly large TFT colour display that makes perfect use of the phone's size. The clear user interface is also a pleasure to use. If the acoustics of a telephone are important to you, the PREMIUM 300 is also the right choice: it offers excellent voice quality as well as quickly adjustable audio profiles, which you can easily switch between using the function key. This also works very well in hands-free mode!

All chic: When good design sets standards

When is design good design? You can tell by looking at the Gigaset PREMIUM 300: It sets standards in terms of design. This starts with the high-quality materials, which, in combination with a masterful finish, offer luxury for hand and eye. After all, the handset should not only look good, but also feel good. It sits perfectly in the hand thanks to precisely crafted surfaces and shapes. The keys with their precise pressure points are illuminated, and the key illumination can be switched off if desired. You can also choose the colour scheme of the display (black or light background). And the real metal charging cradle also bears witness to the attention to detail with which the PREMIUM 300 was designed.

Everything at a glance: The address book of the PREMIUM 300

It's amazing how many contacts accumulate over time. But regardless of whether they are family members, friends or business partners, the Gigaset PREMIUM 300 stores them all. Its address book can easily manage up to 500 entries, each with three phone numbers. To ensure that these contacts are always up to date, you can also synchronise them quickly and easily with Outlook on your PC or Mac via micro-USB. So you're guaranteed to always have the right number at hand! If you store photos in the address book, your entries also get a personal touch: because the very next time you call, the pictures of your family or friends appear on the display. You can even assign them your own VIP melody: Then you can immediately hear who is calling.

All about the audio functions: Speak freely, understand better

The Gigaset PREMIUM 300 gives you a bit of freedom: thanks to its excellent hands-free function in full duplex quality, you can keep your hands free and relax while you do other things. At the same time, this function ensures that you can hear and speak at the same time - resulting in a much more natural conversation. This is indispensable, especially in telephone conferences. You will also soon no longer want to do without the adjustable audio profiles: With them, the acoustics of your conversation adapt to the surrounding situation in no time. This way you will not only understand your counterpart better - you will also be better understood. And if you like to use headphones, you can easily connect them to the 2.5 mm jack socket. Be so free!

Everything big: The advantages of the TFT colour display

Show your true size: the Gigaset PREMIUM 300 impresses with an extra-large, illuminated TFT colour display (50 x 38 mm). This is not only beautiful, but above all comfortable: names, numbers and pictures are very easy to see on it. You can set the display illumination and colour scheme individually, simply choose between a modern dark or high-contrast light background. The PREMIUM 300 also shows true greatness when it comes to displaying call lists or the address book: these can be displayed in large letters if desired. And when you are not on the phone? Then the screen saver displays the time (on an analogue or digital clock) or personal pictures. Even a slide show with personal pictures is possible!

Everything controllable: Clever functions for more peace and comfort

Can someone please take care of all those unwanted or inappropriate calls? The Gigaset PREMIUM 300 can: If desired, it suppresses the ringtone for anonymous calls. These are then only shown on the display - and you are not disturbed. You can also block anonymous calls completely. This way you can always decide for yourself who you want to talk to. In addition, you can also determine when the phone is allowed to ring: thanks to time control, this is no problem. And if there are callers you want to speak to at any time? Save them with a VIP address book entry - they are then guaranteed to be put through. If you do miss a call, the illuminated message key and an indicator in the display will draw your attention to it.

Everything under control: the baby monitor in the telephone

Don't worry, baby: Gigaset has also thought of the little ones with the PREMIUM 300. Thanks to the direct call function, dialling a preset number is triggered. So no matter which keys you press, the right number is always called. This is perfect for small children who cannot yet read! The babyphone function of this telephone is no less perfect: When a certain sound wave is exceeded, it automatically establishes a connection to other handsets in the household - or to mum or dad's smartphone. But the Gigaset PREMIUM 300 can also be quiet: In babyphone mode, incoming calls are only indicated visually on the display. So if your children have just fallen asleep, they are guaranteed not to be woken up by the phone. One less thing to worry about!

All compatible: Additional handsets from Gigaset

What's better than one cordless phone? Clearly: two, three or more cordless phones! With the Gigaset PREMIUM 300 you are very mobile, it fits comfortably in your hand and you can take it with you wherever you go. In everyday life, however, it is not always where you need it. Sometimes you are in the cellar and the bell rings in the kitchen, sometimes you are working in your home office and the handset is in the living room: this can be easily solved because the PREMIUM 300 can be extended to a total of six handsets. You can place these anywhere in your home, so you are guaranteed to always have a handset at hand. It can be supplemented with other Gigaset HX handsets. For identical design, take the Premium 300HX.

All clear: This is how environmentally friendly your phone is

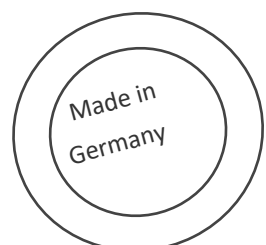
If something is practical, it is not necessarily environmentally friendly. In this case, however, it is: the cordless phones from Gigaset are perfect companions for everyday use - and are kind to the environment. This is due to ECO DECT technology, which the PREMIUM 300 is also equipped with. ECO DECT means that your phone is radiation-free in standby mode. This is also the case when several handsets are in operation and the base and all registered handsets support ECO DECT. During a call, the transmission power automatically adjusts to the distance between the base and the handset. In other words: the shorter the distance to the base, the lower the radiation. If you want to use the maximum DECT range, you can deactivate the ECO DECT mode at any time.



Handset + Charger

The perfect one

- Universal handset in compact form for extending:
 - ☐ Routers with DECT CAT-iq 2.0/2.1
 - ☐ Gigaset DECT base stations
 - ☐ DECT/GAP telephone bases from other manufacturers
- High-quality materials and workmanship with real metal charging tray
- Large TFT colour display (2.4")
- An extra-large address book for up to 500 contacts (vCard) with 3 telephone numbers each
- Excellent acoustics with audio profiles that can be set quickly using function keys
- Micro USB for data synchronisation with the PC
- Handsfree mode in brilliant, full-duplex quality
- 2.5 mm Headset connection via cable
- Call display with picture (Picture CLIP)



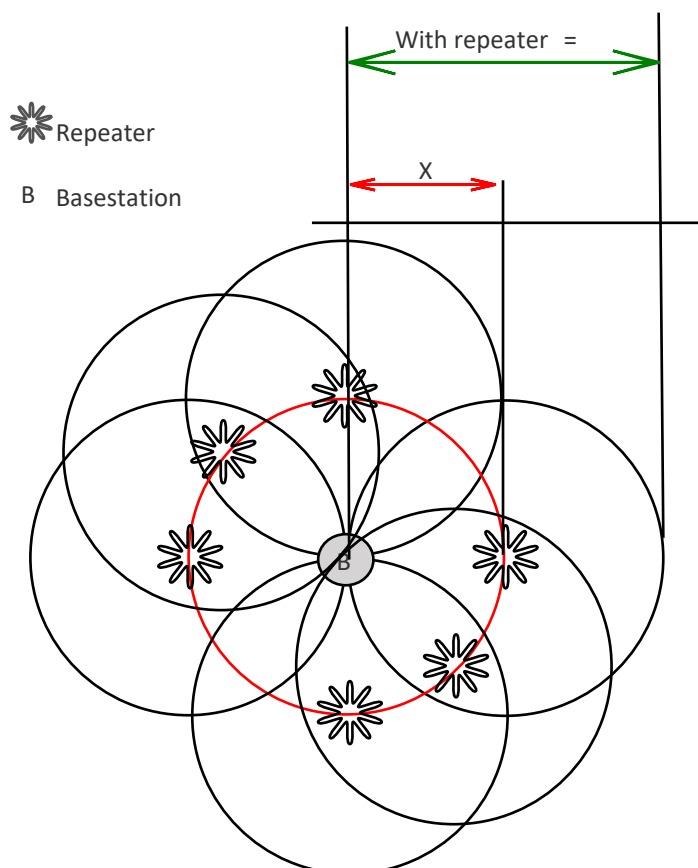


2 Channels

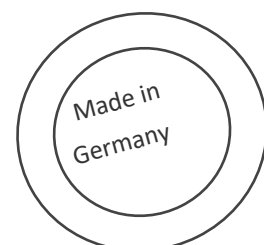


Increases your freedom.

- To double the range range of Gigaset Base Stations.
- Increases your mobility.
- Guarantees crystal-clear voice quality in a wider area.
- Additional (DECT)coverage between base station and handset, theoretical up to 50m indoors and 300m outdoors
- Max. 6 repeaters within a base possible.
- Max. 2 calls simultaneously per repeater.
- Automatic handover from Base station to repeater and conversely.
- Not suitable for Gigaset models of the "A" series, partly suitable for models of series C, E, SL, Comfort, PRO.
- New 2.0 - Secure DECT connections (encryption) on a few handsets.
- New 2.0 - Support of HDSP calls (IP) on a few handsets.



*The Repeaters must be in direct connection with the base.
As for all Dect multi-antenna systems, a professional Dect measurement is recommended.*

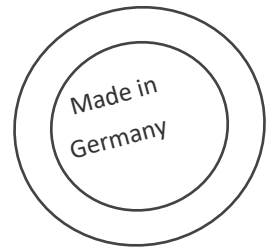




ZX300

Basic flexibility

- High sound quality
- Fits into all 2.5 mm jacks
- Adjustable ear-loop for optimal comfort



ZX410

Professional flexibility

- Clear sound quality
- Fits into RJ9 (ZX410)
- Adjustable headband
- Earpiece can be worn left or right
- Easy plug and play setup

Jabra

Bluetooth Headset



Temporarily at
promotional price!

The space-saving, corded desk and wall phone

Highlights

- o Space-saving due to particularly narrow design
- o Easy wall mounting possible
- o Power supply via telephone line, no separate power supply necessary
- o Ten speed dial keys
- o Hearing aid compatible
- o Redial
- o LED call signaling
- o Suitable for operation with telephone systems
- o DTMF / pulse dialing adjustable
- o Flash function adjustable



White is more hygienic (Corona, MRSA,...). Adeltronik makes these Desk 200 for Belgium available on special demand.

For white the minimum order quantity = 25 pieces

The corded desk and wall phone Gigaset DESK 200 impresses with its slim, space-saving shape and is ideal for use at home or in the office.

Particularly space-saving & easy wall mounting

The Gigaset DESK 200 combines all important telephony functions with a particularly slim design. It is therefore ideal as a space-saving desk phone or can be quickly and easily mounted on the wall.

Power supply via the telephone line

The Gigaset DESK 200 does not require a separate power supply unit. Power is supplied directly via the telephone line. Commissioning is therefore particularly simple: connect the Gigaset DESK 200 to the telephone socket (public network, PBX or gateway) - and the phone is ready for use.

Quickly connected

Up to ten phone numbers can be stored as speed dials, allowing you to quickly connect to the people you talk to frequently. The speed-dial numbers are noted on the enclosed paper inlay and are thus always in view.

Visual and acoustic call signaling

The melody and volume of the Gigaset DESK 200 can be conveniently set. Three different melodies can be selected, which can be set to three different volume levels. In addition, the optical call signaling via the LED on the handset helps to ensure that no call is missed even in particularly noisy environments

STOP Corona - STOP MRSA



Good to know

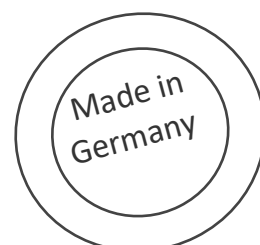
The white version is particularly effective against MRSA together with the small factor are this appreciated features especially in clinics.



Technical Specifications

DESK 200

Ordering Information	Colour	White			
Audio	Ringtone output	Ring tone output with adjustable volume (3 levels)			
	Volume	Adjustable handset volume (2 levels)			
	Hearing aid compatible	Hearing aid compatible			
Keyboard	Keys	<ul style="list-style-type: none"> • 10 number keys • Volume button • Menu key • Redial button • Mute button 			
	Functions	<ul style="list-style-type: none"> • R-key (flash time adjustable via slide switch) • Programmable speed dialling keys (keys 0 - 9) 			
Functions	Desk operation	yes			
	Wall mountable	yes			
Signalling & display indications	Optical call display	LED call signaling on the handset			
	Ringtones	3 adjustable ringtones			
Dial functions	Redial	1 redial entry with up to 31 characters			
	Dialling procedure	<ul style="list-style-type: none"> • Pulse dialing method (IWV) • Multi-frequency dialling (DTMF) 			
Power supply	Analogue telephone connection	Power is supplied to the telephone via the telephone line. A separate power supply unit is not required. Due to its own power supply, it is possible to make calls even in the event of a power failure.			
Connectivity	Analogue telephone connection	Connection to an external telephone line (a/b)			
	Connection type	Analogue			
	Connection options	Suitable for operation on telephone systems			
Dimensions & Weights	Device	Height	Width	Depth	Weight
	Desk phone	57 mm	80 mm	208 mm	352 g
	Telephone handset	47 mm	51 mm	197 mm	144 g
	Handset cable				38 g
Scope Of Delivery	1x	Desk phone			
	1x	Telephone connection cable			
	1x	Short user guide			
	1x	Handset connection cable			



The wall and desk phone for simple telephony

Highlights

- o Easy wall mounting possible
- o Four direct dial keys
- o Power supply via telephone line, no separate power supply unit required
- o Ten speed dial keys
- o Hearing aid compatible
- o Redial
- o Suitable for operation with telephone systems
- o DTMF / pulse dialing adjustable
- o Flash function adjustable



The Gigaset DESK 400 corded desk and wall phone with four direct dial keys and power supply via the telephone line is ideal for use at home or in the office.

Flexible application options

The Gigaset DESK 400 can be used both as a desk phone and as a wall phone, always ensuring optimal usability. For wall operation, the DESK 400 is simply attached using two screws.

Power supply via the telephone line

The Gigaset DESK 400 does not require a separate power supply unit; power is supplied directly via the telephone line. Commissioning is therefore particularly simple: connect the Gigaset DESK 400 to the telephone socket (public network, PBX or gateway) - and the phone is ready for use.

Quickly connected

With the help of the four direct dial keys, important contacts are just a keystroke away. In addition, up to ten phone numbers can be stored as speed dials, allowing you to quickly connect with the people you talk to frequently. The speed dial numbers are noted on the enclosed paper insert and are thus always in view.

Hearing aid compatible

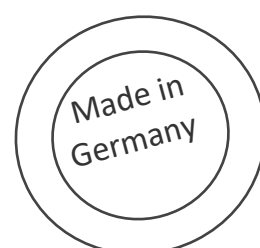
The Gigaset DESK 400 is hearing aid compatible, especially for people with impaired hearing. Thanks to certification in accordance with the European ITU-T P.370 standard, it enables users of hearing aids with inductive transmission to make phone calls without disturbing noise.



Technical Specifications

DESK 400

Ordering Information	Colour	black			
Audio	Ringtone output	Ring tone output with adjustable volume (3 levels)			
	Volume	Adjustable handset volume (2 levels)			
	Hearing aid compatible	Hearing aid compatible according to ITU-T P.370			
Keyboard	Keys	<ul style="list-style-type: none"> • Four direct selection keys • 10 number keys • Volume button • Menu key • Redial button • Mute button 			
	Functions	<ul style="list-style-type: none"> • Programmable speed dialling keys (keys 0 - 9) • R-key (flash time adjustable via slide switch) 			
Functions	Wall mountable	yes			
	Desk operation	yes			
Signalling & display indications	Ringtones	3 adjustable ringtones			
Dial functions	Redial	1 redial entry with up to 31 characters			
	Dialling procedure	<ul style="list-style-type: none"> • Multi-frequency dialling (DTMF) • Pulse dialing method (IWV) 			
Power supply	Analogue telephone connection	Power is supplied to the telephone via the telephone line. A separate power supply unit is not required. Due to its own power supply, it is possible to make calls even in the event of a power failure.			
Connectivity	Analogue telephone connection	Connection to an external telephone line (a/b)			
	Connection type	Analogue			
	Connection options	Suitable for operation on telephone systems			
Dimensions & Weights	Device	Height	Width	Depth	Weight
	Desk phone	73 mm	146 mm	208 mm	423 g
	Telephone handset	43 mm	50 mm	191 mm	102 g
	Handset cable				34 g
	Foot stand	29 mm	125 mm	13 mm	9 g
Scope Of Delivery	1x	Desk phone			
	1x	Telephone connection cable			
	1x	Short user guide			
	1x	Stand			
	1x	Handset connection cable			



The wall and desk telephone for convenient telephony

Highlights

- o Large LCD display with LED backlighting
- o Seven double-assignable direct dialling keys
- o Hands-free function & RJ-9 headset connection
- o Simple wall mounting possible
- o Phone book for up to 100 entries incl. VIP function
- o Hearing aid compatible
- o Easy operation via 5-way navigation key
- o Redial
- o Call signalling with 10 ring tones
- o Suitable for operation with telephone systems



The corded Gigaset DESK 600 with LCD display and seven double assignable direct dialling keys is ideal for use at home or in the office.

Large LC display with backlight

The Gigaset DESK 600 has a three-line LCD display with LED backlighting that shows the call time, name, call number and VIP status (if assigned) of the caller. The home screen provides information about the date, time and day of the week.

Hands-free function & headset connection

To keep your hands free even during longer conversations, the Gigaset DESK 600 has a hands-free function with a 7-step adjustable volume. In addition, a headset connection (RJ9) is integrated, which enables the connection of professional headsets.

Seven double-assignable direct dialling keys

With the help of the seven double-assignable direct dial keys, important contacts are only a keystroke away. This allows you to quickly connect with the people you talk to frequently. The direct dialling numbers can be noted on the enclosed paper inlay and are thus always in view.

Integrated phone book

The integrated phone book offers space for up to 100 phone numbers: This means that all important contacts are stored directly in the device with their names. Via the VIP status, a contact can be assigned its own VIP melody. In addition, you can set the phone to ring only when VIP contacts call - and to remain silent for all other calls.



Audio	Volume	Adjustable handset volume (3 levels)
	Ringtone output	Ring tone output with adjustable volume (5 levels)
	Hands-free function	Hands-free function with adjustable volume (7 levels)
	Hearing aid compatible	Hearing aid compatible according to ITU-T P.370

Keyboard	Keys	<ul style="list-style-type: none"> • 7 direct dial keys, can be assigned twice, for a total of 14 phone numbers using the shift key (A/B-key) • 5-way navigation key • 10 number keys • Hands-free key • # key • * key • Volume keys +,- • Redial key • Mute key • P key • R key
	Functions	Key protection on/off via # key

Display	Type	Three-line LCD display with LED backlight
	Size (H xW)	33 x 66 mm

Functions	Direct call	Dial a preset telephone number by pressing any key
	Desk operation	yes
	Wall mountable	yes

Signalling & display indications	Notification	Visual call indication via LED display for incoming calls, during hands-free operation and for missed calls
	General	<ul style="list-style-type: none"> • Display of date, time and day of the week • Display of call number, name, VIP status and call duration
	CLIP	Call display with telephone number and name (CLIP/CNIP)
	Ringtones	10 pre-installed ringtones

Call protection	Dial lock	The dialling of individual number ranges (e.g. 0900 numbers) as well as area and country codes are blocked. It is possible to block up to 3 number ranges with up to 5 digits.
------------------------	------------------	--

Phone book	Quantity	Phone book for up to 100 entries - VIP identification possible
-------------------	-----------------	--

Dial functions	Dialling procedure	<ul style="list-style-type: none"> • Multi-frequency dialling (DTMF) • Pulse dialing method (IWV)
	Redial	Redial entries with up to 32 characters

Missed calls & caller lists	Caller list	List of up to 50 calls (missed and received)
--	--------------------	--

Power supply	Power supply unit	230V plug-in power supply unit
---------------------	--------------------------	--------------------------------

Connectivity	Analogue telephone connection	Connection to an external telephone line (a/b)
	Connection type	Analogue
	Headset connection	Headphone jack (RJ9)

Dimensions & Weights	Device	Height	Width	Depth	Weight
	Desk phone	73 mm	185 mm	208 mm	592 g

Scope Of Delivery	1x	Desk phone
	1x	Handset connection cable
	1x	Power supply unit
	1x	Stand
	1x	Telephone connection cable
	1x	Short user guide

The wall and desk telephone for convenient telephony with answering machine

Highlights

- o Answering machine with up to 50 minutes recording time
- o Large LC display with LED backlighting
- o Seven double-assignable direct dialling keys
- o Hands-free function & RJ-9 headset connection
- o Simple wall mounting possible
- o Phone book for up to 200 entries incl. VIP function
- o Hearing aid compatible
- o Easy operation via 5-way navigation key
- o LED call signalling with 10 ring tones
- o Suitable for operation on telecommunication systems



The corded Gigaset DESK 800A with integrated answering machine and handsfree function is ideal for use at home or in the office.

Answering machine

The integrated answering machine with its recording time of up to 50 minutes ensures that no call is missed even during longer absences. In addition, the answering machine can also be accessed remotely while on the move. All recordings are protected in the event of a power failure. So you are always well informed - even if you cannot be reached directly.

Large LC display with backlight

The Gigaset DESK 800A has a three-line LC display with LED backlighting that shows the name, call number, call time and VIP status (if assigned) of the caller. The home screen provides information about the date, time and day of the week.

Hands-free function & headset connection

To keep your hands free even during longer conversations, the Gigaset DESK 800A has a hands-free function with a 7-step adjustable volume. In addition, a headset connection (RJ9) is integrated, which enables the connection of professional headsets.

Seven double-assignable direct dialling keys

With the help of the seven double-assignable direct dial keys, important contacts are only a keystroke away. This allows you to quickly connect with the people you talk to frequently. The direct dialling numbers can be noted on the enclosed paper inlay and are thus always in view.



Technical Specifications

DESK 800

Ordering Information	Colour	black
Audio	Hands-free function	Hands-free function with adjustable volume (7 levels)
	Ringtone output	Ring tone output with adjustable volume (5 levels)
	Volume	Adjustable handset volume (3 levels)
	Hearing aid compatible	Hearing aid compatible according to ITU-T P.370
Keyboard	Keys	<ul style="list-style-type: none"> • 7 direct dial keys, can be assigned twice, for a total of 14 phone numbers using the shift key (A/B-key) • 5-way navigation key • 10 number keys • Hands-free key • # key • * key • Volume keys +,- • R key • Mute/dustbin key • Answering machine key • Play/Pause key
	Functions	Key lock on/off via # key
Answering machine	Recording time	<ul style="list-style-type: none"> • Up to 50 minutes recording time • Recording length per message adjustable: 30, 60, 120 seconds or unlimited
	Announcements	<ul style="list-style-type: none"> • Standard announcement preset (plug & play) • An individual announcement can be recorded (up to 170 seconds) • Announcement of date and time for each answering machine message
	Remote access	Remote access possible (PIN-protected)
	Power failure protection	Recordings are protected against power outages indefinitely
Call protection	Dial lock	The dialling of individual number ranges (e.g. 0900 numbers) as well as area and country codes are blocked. It is possible to block up to 3 number ranges with up to 5 digits.
Phone book	Quantity	Phone book for up to 200 entries - VIP identification possible
	VIP	Allows you to assign a VIP melody to a contact. In addition, you can set the phone to ring only when VIP contacts call - and to remain silent for all others.
Signalling & display indications	Notification	Visual call indication via LED display for incoming and missed calls, in hands-free mode as well as for answering machine messages
	General	<ul style="list-style-type: none"> • Display of date, time and day of the week • Display of call number, name, VIP status and call duration
	CLIP	Call display with telephone number and name (CLIP/CNIP)
	Ringtones	10 pre-installed ringtones
Display	Type	Three-line LCD display with LED backlight
	Size (H xW)	33 x 66 mm
Power supply	Power supply unit	230V plug-in power supply unit
Connectivity	Analogue telephone connection	Connection to an external telephone line (a/b)
	Connection type	Analogue
	Headset connection	Headphone jack (RJ9)


 Made in Germany

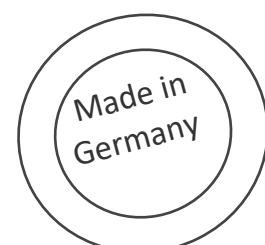
Functions	Direct call	Dial a preset telephone number by pressing any key
	Wall mountable	yes
	Desk operation	yes

Dial functions	Dialling procedure	<ul style="list-style-type: none"> • Multi-frequency dialling (DTMF) • Pulse dialing method (IWV)
	Redial	Redial entries with up to 32 characters

Missed calls & caller lists	Caller list	List of up to 50 calls (missed and received)
--	--------------------	--

Dimensions & Weights	Device	Height	Width	Depth	Weight
	Desk phone	73 mm	185 mm	208 mm	592 g

Scope Of Delivery	1x	Desk phone
	1x	Handset connection cable
	1x	Stand
	1x	Power supply unit
	1x	Telephone connection cable
	1x	TAE adapter (DE & AT only)
	1x	Short user guide



Weatherproof Telephones

JR101-FK



Weatherproof Telephone, Full keypad, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67 [Order Code](#)

JR101-FK-Analog	(Analog model)
JR101-FK-SIP	(SIP/VoIP model)
JR101-FK-GSM	(GSM model)
JR101-FK-4G	(4G model)

JR101-FK-L



Weatherproof Telephone, Full Keypad, with LED lamp fixed on the top, Wall-Mounting, Yellow color(other colour on demand)

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

[Order Code](#)

JR101-FK-L-Analog	(Analog model)
JR101-FK-L-SIP	(SIP/VoIP model)
JR101-FK-L-GSM	(GSM model)
JR101-FK-L-4G	(4G model)

JR101-CB



Weatherproof Telephone, CB(hot line), Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

[Order Code](#)

JR101-CB-Analog	(Analog model)
JR101-CB-SIP	(SIP/VoIP model)
JR101-CB-GSM	(GSM model)
JR101-CB-4G	(4G model)

JR101-CB-L



Weatherproof Telephone, Hotline Phone, with LED Lamp, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

[Order Code](#)

JR101-CB-L-Analog	(Analog model)
JR101-CB-L-SIP	(SIP/VoIP model)
JR101-CB-L-GSM	(GSM model)
JR101-CB-L-4G	(4G model)



JR101-3B



Weatherproof Telephone, 3 buttons for speed dial, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

JR101-3B-Analog	(Analog model)
JR101-3B-SIP	(SIP/VoIP model)
JR101-3B-GSM	(GSM model)
JR101-3B-4G	(4G model)

JR102-SC



Weatherproof Telephone, Speed dial, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR102-SC-Analog	(Analog model)
JR102-SC-SIP	(SIP/VoIP model)
JR102-SC-GSM	(GSM model)
JR102-SC-4G	(4G model)

JR102-2B



Weatherproof Telephone, 2 buttons for speed dial, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

JR102-2B-Analog	(Analog model)
JR102-2B-SIP	(SIP/VoIP model)
JR102-2B-GSM	(GSM model)
JR102-2B-4G	(4G model)

JR103-FK



Weatherproof Telephone, Full keypad, Without door, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66

Order Code

JR103-FK-Analog	(Analog model)
JR103-FK-SIP	(SIP/VoIP model)
JR103-FK-GSM	(GSM model)
JR103-FK-4G	(4G model)



JR103-CB



Weatherproof Telephone, CB(hot line), Without door, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66

Order Code

JR103-CB-Analog	(Analog model)
JR103-CB-SIP	(SIP/VoIP model)
JR103-CB-GSM	(GSM model)
JR103-CB-4G	(4G model)

JR104-SC



Weatherproof Telephone, Speed dial, Without door, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66

Order Code

JR104-SC-Analog	(Analog model)
JR104-SC-SIP	(SIP/VoIP model)
JR104-SC-GSM	(GSM model)
JR104-SC-4G	(4G model)

JR104-2B



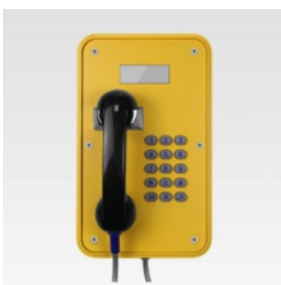
Weatherproof Telephone, 2 buttons for speed dial, Without door, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66

Order Code

JR104-2B-Analog	(Analog model)
JR104-2B-SIP	(SIP/VoIP model)
JR104-2B-GSM	(GSM model)
JR104-2B-4G	(4G model)

JR105-FK



Weatherproof Telephone, Full keypad, With LCD display, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR105-FK-Analog	(Analog model)
JR105-FK-SIP	(SIP/VoIP model)
JR105-FK-GSM	(GSM model)
JR105-FK-4G	(4G model)



JR101-FK-HB



Weatherproof Telephone, Full keypad, With horn and beacon, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR101-FK-HB-Analog	(Analog model)
JR101-FK-HB-SIP	(SIP/VoIP model)
JR101-FK-HB-GSM	(GSM model)
JR101-FK-HB-4G	(4G model)

JR101-FK-H



Weatherproof Telephone, Full keypad, With horn, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR101-FK-H-Analog	(Analog model)
JR101-FK-H-SIP	(SIP/VoIP model)
JR101-FK-H-GSM	(GSM model)
JR101-FK-H-4G	(4G model)

JR103-FK-HB



Weatherproof Telephone, Full keypad, With horn and beacon, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR103-FK-HB-Analog	(Analog model)
JR103-FK-HB-SIP	(SIP/VoIP model)
JR103-FK-HB-GSM	(GSM model)
JR103-FK-HB-4G	(4G model)

JR103-FK-H



Weatherproof Telephone, Full keypad, With horn, Yellow color(other colour on demand), Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JR103-FK-H-Analog	(Analog model)
JR103-FK-H-SIP	(SIP/VoIP model)
JR103-FK-H-GSM	(GSM model)
JR103-FK-H-4G	(4G model)



JREX106-A01



Explosion Proof Telephone, Full keypad, Orange, color(other colour on demand), with door cover, Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JREX106-A01-Analog	(Analog model)
JREX106-A01-SIP	(SIP/VoIP model)

JREX106-A01-CB



Explosion Proof Telephone, Hotline, Orange color(other colour on demand), with door cover, Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JREX106-A01-CB-Analog	(Analog model)
JREX106-A01-CB-SIP	(SIP/VoIP model)

JREX106-A03



Explosion Proof Telephone, Full keypad, Orange, color(other colour on demand), without door cover, Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JREX106-A03-Analog	(Analog model)
JREX106-A03-SIP	(SIP/VoIP model)

JREX106-A03-CB



Explosion Proof Telephone, Hotline, Orange color(other colour on demand), without door cover, Wall-Mounting

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JREX106-A03-CB-Analog	(Analog model)
JREX106-A03-CB-SIP	(SIP/VoIP model)



Handset Telephones

JREX106



Explosion Proof Telephone, Stainless steel full keypad(20 keys), Yellow color(other colours on demand), with LCD display

Housed in a weatherproof GRP(Glass fibre-reinforced polyester) enclosure, IP67 rating

Order Code

JREX106-Analog	(Analog model)
JREX106-SIP	(SIP/VoIP model)

JREX106-CB



Explosion Proof Telephone, Hotline, without keypad, Yellow color(other colours on demand)

Housed in a weatherproof GRP(Glass fibre-reinforced polyester) enclosure, IP67 rating

Order Code

JREX106-CB-Analog	(Analog model)
JREX106-CB-SIP	(SIP/VoIP model)

JREX106-A01-HB



Explosion Proof Telephone, Full keypad, Orange color(other colours on demand), with door cover, with external Ex junction box, Ex Horn, Ex Beacon.

Housed in a weatherproof cast aluminium enclosure, IP66~IP67

Order Code

JREX106-A01-HB-Analog	(Analog model)
JREX106-A01-HB-SIP	(SIP/VoIP model)

JREX106-HB



Explosion Proof Telephone, Stainless steel full keypad(20 keys), Orange color(other colours on demand), with LCD display

Housed in a weatherproof GRP(Glass fibre-reinforced polyester) enclosure, IP67 rating, with external Ex junction box, Ex Horn, Ex Beacon.

Order Code

JREX106-HB-Analog	(Analog model)
JREX106-HB-SIP	(SIP/VoIP model)



JR201-FK



Handset Telephone, Full metal keypad(12keys), Gray color(other colour on demand)
cold-rolled steel body, Unit size: 247*130*132(mm)

Housed in a anti-vandal Cold-rolled steel enclosure, wall mounting type

JR201-FK-Analog	(Analog model)
JR201-FK-SIP	(SIP/VoIP model)
JR201-FK-GSM	(GSM model)
JR201-FK-4G	(4G model)

JR201-FK-VC



Handset Telephone, Full metal keypad(12keys), Brushed Stainless steel body, with
volume control button, Unit size:247*130*132(mm)

Housed in a anti-vandal SUS enclosure, wall mounting type

JR201-FK-VC-Analog	(Analog model)
JR201-FK-VC-SIP	(SIP/VoIP model)
JR201-FK-VC-GSM	(GSM model)
JR201-FK-VC-4G	(4G model)

JR202-FK



Handset Telephone, Full metal keypad(12keys), Gray color(other colour on demand),
Cold-rolled steel body, Unit size:240*100*106(mm)

Housed in a anti-vandal Cold-rolled steel enclosure, wall mounting type

JR202-FK-Analog	(Analog model)
JR202-FK-SIP	(SIP/VoIP model)
JR202-FK-GSM	(GSM model)
JR202-FK-4G	(4G model)

JR202-CB



Handset Telephone, CB(Hotline)No keypad, Gray color(other colour on demand),
Cold-rolled steel body, Unit size:240*100*106(mm)

Housed in a anti-vandal Cold-rolled steel enclosure, wall mounting type

JR202-CB-Analog	(Analog model)
JR202-CB-SIP	(SIP/VoIP model)
JR202-CB-GSM	(GSM model)
JR202-CB-4G	(4G model)



JR203-FK



Handset Telephone, Full metal keypad(12keys), Gray color(other colour on demand), Cold-rolled steel body, Unit size:247*130*132(mm)

Housed in a anti-vandal Cold-rolled steel enclosure, wall mounting type

Order Code

JR203-FK-Analog	(Analog model)
JR203-FK-SIP	(SIP/VoIP model)
JR203-FK-GSM	(GSM model)
JR203-FK-4G	(4G model)

JR204-FK



Handset Telephone, Full metal Keypad (16 keys), Red color(other colour on demand), L CD display, Cold-rolled steel body, Unit size:250*160*123(mm) Housed in a anti-vandal cold-rolled steel enclosure, wall mounting type

Order Code

JR204-FK-Analog	(Analog model)
JR204-FK-SIP	(SIP/VoIP model)
JR204-FK-GSM	(GSM model)
JR204-FK-4G	(4G model)

JR205-FK



Handset Telephone, Full metal Keypad (16 keys), Brushed Stainless steel body, Unit size:300*120*101(mm)

Housed in a anti-vandal brushed stainless steel enclosure, wall mounting type

Order Code

JR205-FK-Analog	(Analog model)
JR205-FK -SIP	(SIP/VoIP model)
JR205-FK -GSM	(GSM model)
JR205-FK -4G	(4G model)

JR206-FK



Handset Telephone, Full metal keypad(12keys), Red color(other colour on demand), Cold-rolled steel body, Unit size: 248*185*129(mm)

Housed in a anti-vandal cold-rolled steel enclosure, wall mounting type

Order Code

JR206-FK-Analog	(Analog model)
JR206-FK-SIP	(SIP/VoIP model)
JR206-FK-GSM	(GSM model)
JR206-FK-4G	(4G model)



JR207-FK



Handset Telephone, Full metal keypad(16 keys), Red color(other colour on demand), Cold-rolled steel body, Unit size:248 *195 *132(mm)

Housed in a anti-vandal cold-rolled steel enclosure, wall-mounting type

Order Code

JR207-FK-Analog	(Analog model)
JR207-FK-SIP	(SIP/VoIP model)
JR207-FK-GSM	(GSM model)
JR207-FK-4G	(4G model)

JR208-FK



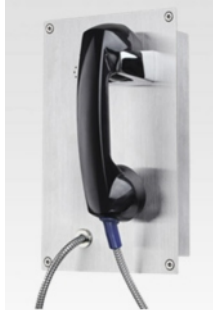
Handset Telephone, Full metal keypad(12keys), Brushed Stainless steel body, Unit size:280*190*124(mm)

Housed in a anti-vandal SUS enclosure, flush mounting type

Order Code

JR208-FK-Analog	(Analog model)
JR208-FK-SIP	(SIP/VoIP model)
JR208-FK-GSM	(GSM model)
JR208-FK -4G	(4G model)

JR208-CB



Handset Telephone, CB (hot line), Brushed Stainless steel body, Unit size:280*190*124(mm)

Housed in a anti-vandal SUS enclosure, flush mounting type

Order Code

JR208-CB-Analog	(Analog model)
JR208-CB-SIP	(SIP/VoIP model)
JR208-CB-GSM	(GSM model)
JR208-CB-4G	(4G model)

JR209-FK



Handset Telephone, Full metal keypad(16 keys), Brushed Stainless steel body, Unit size:280*190 *124(mm)

Housed in a anti-vandal SUS enclosure, flush mounting type

Order Code

JR209-FK-Analog	(Analog model)
JR209-FK-SIP	(SIP/VoIP model)
JR209-FK-GSM	(GSM model)
JR209-FK-4G	(4G model)



JR210-1B



Handset Telephone, One button for speed dial, Cold-rolled steel body, Red color (other colour on demand), Unit size: 300*180*161(mm)

Housed in a anti-vandal cold-rolled steel enclosure, wall-mounting

Order Code

JR210-1B-Analog	(Analog model)
JR210-1B-SIP	(SIP/VoIP model)
JR210-1B-GSM	(GSM model)
JR210-1B-4G	(4G model)

JR211-FK



Handset Telephone, Full Keypad (12 keys), Brushed stainless steel body, Unit size: 300*150*160(mm)

Housed in a anti-vandal SUS enclosure, Desk mounting type

Order Code

JR211-FK-Analog	(Analog model)
JR211-FK-SIP	(SIP/VoIP model)
JR211-FK-GSM	(GSM model)
JR211-FK-4G	(4G model)

JR211-CB



Handset Telephone, CB (hot line), Cold-rolled steel body, Red color (other colours on demand), Unit size: 300*150 *160(mm)

Housed in a anti-vandal cold-rolled steel enclosure, Desk mounting type

Order Code

JR211-CB-Analog	(Analog model)
JR211-CB -SIP	(SIP/VoIP model)
JR211-CB -GSM	(GSM model)
JR211-CB -4G	(4G model)

JR212-FK



Handset Telephone, Full keypad, Brushed Stainless steel body, With volume control button and LCD display, Unit size: 247*130*132(mm)

Housed in a weatherproof, anti-vandal metal enclosure, wall mounting type

Order Code

JR212-FK-Analog	(Analog model)
JR212-FK-SIP	(SIP/VoIP model)
JR212-FK-GSM	(GSM model)
JR212-FK-4G	(4G model)



Handsfree Telephones

JR301-SC



Emergency Telephone, Hands-free operation, 1 Button, Autodial, Cold-rolled steel enclosure and stainless steel front panel, Unit size:220*150*50(mm)

Housed in a weatherproof, , Stainless Steel Panel, designed for Wall -mounting

Order Code

JR301-SC-Analog	(Analog model)
JR301-SC-SIP	(SIP/VoIP model)
JR301-SC-GSM	(GSM model)
JR301-SC-4G	(4G model)

JR301-2B



Emergency Telephone, Hands-free operation, 2 Buttons, Autodial, Cold-rolled steel enclosure and stainless steel front panel, Unit size:220*150*50(mm) Housed in a

weatherproof, Stainless Steel Panel, Designed for Wall-mounting

Order Code

JR301-2B-Analog	(Analog model)
JR301-2B-SIP	(SIP/VoIP model)
JR301-2B-GSM	(GSM model)
JR301-2B-4G	(4G model)

JR301-SC-IW



Emergency Telephone, Hands-free operation, 1Button, Autodial, Brushed stainless steel body, Unit size:216*146 *40(mm)

Housed in a weatherproof, SUS enclosure, Designed for Flush-mounting

Order Code

JR301-SC-IW-Analog	(Analog model)
JR301-SC-IW-SIP	(SIP/VoIP model)
JR301-SC-IW-GSM	(GSM model)
JR301-SC-IW-4G	(4G model)

JR301-2B-IW



Emergency Telephone, Hands-free operation, 2 Buttons, Autodial, Brushed stainless steel body, Unit size:216*146*40(mm)

Housed in a weatherproof, SUS enclosure, Designed for Flush -mounting

Order Code

JR301-2B-IW-Analog	(Analog model)
JR301-2B-IW-SIP	(SIP/VoIP model)
JR301-2B-IW-GSM	(GSM model)
JR301-2B-IW-4G	(4G model)



JR302-SC



Emergency Telephone, Hands-free operation, 1Button, Autodial, Brushed stainless steel body, Unit size:210*140*50(mm)

Housed in a weatherproof, SUS enclosure, Designed for Wall-mounting

Order Code

JR302-SC-Analog	(Analog model)
JR302-SC-SIP	(SIP/VoIP model)
JR302-SC-GSM	(GSM model)
JR302-SC-4G	(4G model)

JR304-SC



Emergency Telephone, Hands-free operation, 1 Button, Autodial, Cold-rolled steel enclosure and stainless steel front panel, Unit size:210*140*50(mm) Housed in a CRS enclosure and SUS panel, Designed for wall-mounting

Order Code

JR304-SC-Analog	(Analog model)
JR304-SC-SIP	(SIP/VoIP model)
JR304-SC-GSM	(GSM model)
JR304-SC-4G	(4G model)

JR305-SC



Emergency Telephone, Hands-free operation, 1 Button, Autodial, Cold-rolled steel enclosure and stainless steel front panel, Unit size:230*160*80(mm) Housed in a CRS enclosure and SUS panel, wall-mounting or post mounting

Order Code

JR305-SC-Analog	(Analog model)
JR305-SC-SIP	(SIP/VoIP model)
JR305-SC-GSM	(GSM model)
JR305-SC-4G	(4G model)

JR306-SC



Emergency Telephone, Hands-free operation, 1Button, Cold-rolled steel body, Yellow Color(other colour on demand), Unit size:339 *146 *126(mm) Housed in a anti-vandal metal enclosure, wall-mounting or post mounting

Order Code

JR306-SC-Analog	(Analog model)
JR306-SC-SIP	(SIP/VoIP model)
JR306-SC-GSM	(GSM model)
JR306-SC-4G	(4G model)



JR308-FK



Emergency Telephone, Full metal keypad(12keys), Brushed stainless steel body, Unit size:200*150*50(mm)

Housed in a weatherproof, SUS enclosure, Designed for wall-mounting

Order Code

JR308-FK-Analog	(Analog model)
JR308-FK-SIP	(SIP/VoIP model)
JR308-FK-GSM	(GSM model)
JR308-FK-4G	(4G model)

JR313-SC



Emergency Telephone, 1 Button, Autodial, Cold-rolled steel body, Red color(other colour on demand) Unit size:170*130 *60(mm)

Housed in a anti-vandal cold-rolled steel enclosure, wall-mounting. [Order Code](#)

JR313-SC-Analog	(Analog model)
JR313-SC-SIP	(SIP/VoIP model)
JR313-SC-GSM	(GSM model)
JR313-SC-4G	(4G model)

JR313-2B



Emergency Telephone, 2 Button, Autodial, Cold-rolled steel body, Red color(other colour on demand) Unit size:170 *130 *60(mm)

Housed in a anti-vandal cold-rolled steel enclosure, wall -mounting

Order Code

JR313-2B-Analog	(Analog model)
JR313-2B-SIP	(SIP/VoIP model)
JR313-2B-GSM	(GSM model)
JR313-2B-4G	(4G model)

JR314-SC



Emergency Telephone, 1 Button, Autodial, Flush Mounting, Red color(other colour on demand) Unit size:170 *130 *60(mm)

Housed in a anti-vandal cold-rolled steel enclosure, flush-mounting

Order Code

JR314-SC-Analog	(Analog model)
JR314-SC-SIP	(SIP/VoIP model)
JR314-SC-GSM	(GSM model)
JR314-SC-4G	(4G model)



JR505-SC



Emergency Elevator Telephone, Brushed stainless steel body, 1 Button, Autodial, Unit size: 135 * 75 * 25 (mm)

Housed in a anti-vandal SUS enclosure, Designed for wall -mounting

Order Code

JR505-SC-Analog	(Analog model)
JR505-SC-SIP	(SIP/VoIP model)
JR505-SC-GSM	(GSM model)
JR505-SC-4G	(4G model)

JR320-SC



Emergency Telephone, Cold-rolled steel body, 1 Button, with LED lamp, Blue color (other colour on demand) Unit size: 220*300*800(mm)

Housed in a anti-vandal CRS enclosure, wall-mounting or post mounting

Order Code

JR320-SC-Analog	(Analog model)
JR320-SC-SIP	(SIP/VoIP model)
JR320-SC-GSM	(GSM model)
JR320-SC-4G	(4G model)

JR321-SC



Emergency Telephone, Cold-rolled steel body, 1 Button, Post Mounting, with lamp, Blue color (other colour on demand)

Housed in a anti-vandal CRS enclosure, Standing along-mounting

Order Code

JR321-SC-Analog	(Analog model)
JR321-SC-SIP	(SIP/VoIP model)
JR321-SC-GSM	(GSM model)
JR321-SC-4G	(4G model)

JR321-SC-SP



Emergency Telephone, 1 Button, Autodial, Post Mounting, with lamp, solar panel and rechargeable lithium battery, Blue color (other colour on demand)

Housed in a anti-vandal CRS enclosure, Designed for Stand along-mounting

JR321-SC-SP-Analog	(Analog model)	60W+40AH
JR321-SC-SP-SIP	(SIP/VoIP model)	80W+60AH
JR321-SC-SP-GSM	(GSM model)	70W+50AH
JR321-SC-SP-4G	(4G model)	70W+50AH



JR330-SC



Emergency Telephone, 1 Button, Wall Mounting, with lock key for open the door, Orange color(other colour on demand)Unit size:530 *280*197(mm)

Housed in a anti-vandal CRS enclosure, wall –mounting or post mounting

Order Code

JR330-SC-Analog	(Analog model)
JR330-SC-SIP	(SIP/VoIP model)
JR330-SC-GSM	(GSM model)
JR330-SC-4G	(4G model)

JR316-4B



Industrial Intercom, 4 Buttons, Suitable for outdoor application, Orange color(other colour on demand), Unit size:400*200*130(mm)

Housed in a anti-vandal CRS enclosure, Designed for Column-mounting

Order Code

JR316-4B-Analog	(Analog model)
JR316-4B -SIP	(SIP/VoIP model)
JR316-4B -GSM	(GSM model)
JR316-4B -4G	(4G model)

JR306-SC-SP



Emergency Telephone, 1Button, with LED light and solar panel and rechargeable lithium battery, Orange color (other colour on demand)

Housed in a weatherproof, anti-vandal cold-rolled steel enclosure, Designed for Column-mounting

Order Code

JR306-SC-SP-Analog	(Analog model)	30W	18AH	7days
JR306-SC-SP-SIP	(SIP/VoIP model)	30W	18AH	7days
JR306-SC-SP-GSM	(GSM model)	20W	13AH	14days
JR306-SC-SP-4G	(4G model)	20W	13AH	14days

JR315-SC-P



Emergency Help Point, 2Buttons, Autodial, with built-in induction loop

Housed in a weatherproof, anti-vandal SUS enclosure, Column-mounting

Order Code

JR315-SC-P-Analog	(Analog model)
JR315-SC-P-SIP	(SIP/VoIP model)
JR315-SC-P-GSM	(GSM model)
JR315-SC-P-4G	(4G model)



JR309-FK



Emergency Telephone, Full flat metal keypad(12keys)Brushed stainless steel body, Unit size:200 *150 *52(mm)

Housed in a anti-vandal SUS enclosure, Designed for flush-mounting

Order Code

- JR309-FK-Analog (Analog model)
- JR309-FK-SIP (SIP/VoIP model)
- JR309-FK-GSM (GSM model)
- JR309-FK-4G (4G model)

JR303-SC



Emergency Help Point, Brushed stainless steel body, 1 Button, Wall Mounting

Housed in a weatherproof, SUS enclosure, wall-mounting

Order Code

- JR303-SC-Analog (Analog model)
- JR303-SC-SIP (SIP/VoIP model)
- JR303-SC-GSM (GSM model)
- JR303-SC-4G (4G model)

JR303-2B



Emergency Help Point, SUS body, 2 Buttons, Unit size:200 *150 *52(mm)

Housed in a weatherproof, SUS enclosure, Designed for wall-mounting

Order Code

- JR303-2B-Analog (Analog model)
- JR303-2B-SIP (SIP/VoIP model)
- JR303-2B-GSM (GSM model)
- JR303-2B-4G (4G model)

JR315-SC



Emergency Video Help Point, Brushed stainless steel body, 2 Buttons, with built-in induction loop, Unit size:300*60*650(mm)

Housed in a weatherproof, SUS enclosure, wall-mounting or Pillar mounting

Order Code

- JR315-SC-Analog (Analog model)
- JR315-SC-SIP (SIP/VoIP model)
- JR315-SC-GSM (GSM model)
- JR315-SC-4G (4G model)



Emergency Telephone Pillar

JR-TP-01



Emergency Telephone Pillar, painted for outdoor use.

Mechanical characteristics:

Sleek and harmonious design free of sharp edges Prepared for the containment of auxiliary circuits

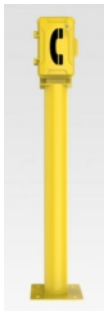
Material:Made of cold rolled steel, painted for outdoor using.It can be manufactured in stainless steel SUS304/SUS316 on demand.

Colour:yellow(other colour on demand)

Weight:20 kg Dimensions(mm):1500 x 300x 300 mm

Fixing:on floor

JR-TP-02



Emergency Telephone Pillar, painted for outdoor use.

Mechanical characteristics:

Sleek and harmonious design free of sharp edges

Prepared for the containment of auxiliary circuits

Material:Made of cold rolled steel, It can be manufactured in stainless steel SUS304/SUS316 on demand.

Colour:yellow(other colour on demand)

Weight:25 kg Dimensions(mm):1500 x 300 x 300 mm

Fixing:on floor

JR-TP-03



Emergency Telephone Pillar, painted for outdoor use. Can choose to add LED lights

Mechanical characteristics:

Sleek and harmonious design free of sharp edges

Prepared for the containment of auxiliary circuits

Material:Made of cold rolled steel, It can be manufactured in stainless steel SUS304/SUS316 on demand

Colour:Red(other colour on demand)

Weight:30 kg Dimensions(mm):1500 x 436 x 306 mm

Fixing:on floor

JR-TP-04



Emergency Telephone Pillar, painted for outdoor use.

Mechanical characteristics:

Sleek and harmonious design free of sharp edges

Prepared for the containment of auxiliary circuits

With Solar panel mounting bracket which is adjustable on multiple directions

Material:Made of cold rolled steel, It can be manufactured in stainless steel SUS304/SUS316 on demand.

Colour:Orange(other colour on demand)

Weight:45kg Dimensions(mm):2400 x 436 x 306 mm

Fixing:on floor



IP Video Telephone

JR213-FK



IP Video Handset Telephone, Full keypad, armoured cord handset, Brushed Stainless steel body, with built-in Camera, and LCD display. Wall mounted.

Order Code

JR213-FK-SIP (SIP/VoIP model)

JR213-FK-4G (4G model)

JR213-2B



IP Video Telephone, Hands free operation, Brushed Stainless steel body, Two Call buttons, with built-in Camera, induction loop, and LCD display.wall mounted type.

Order Code

JR213-2B-SIP (SIP/VoIP model)

JR213-2B-4G (4G model)

JR301-SC-C1



IP Video Telephone, Brushed Stainless steel body, Hands free operation, One call button, with built-in Camera, induction loop.Flush mounted type.

Order Code

JR301-SC-C1-SIP (SIP/VoIP model)

JR301-SC-C1-4G (4G model)

JR301-SC-C2



IP VideoTelephone, Brushed Stainless steel body, Hands free operation, One call button, with built-in Camera, induction loop.Wall mounted type.

Order Code

JR301-SC-C2-SIP (SIP/VoIP model)

JR301-SC-C2-4G (4G model)



JR309-FK-A



Clean Room / Sterile Room Intercom, Brushed stainless steel body, 2 Button, Autodial,
Unit size:140 *250 *48.5 (mm)

Housed in a anti-vandal SUS enclosure, Designed for flush -mounting

Order Code

JR309-FK-A-Analog	(Analog model)
JR309-FK-A-SIP	(SIP/VoIP model)
JR309-FK-A-GSM	(GSM model)
JR309-FK-A-4G	(4G model)

JREX-HSA-A



ATEX/IECEx Loudspeaker 35W, Impact-resistant engineering plastic and stainless
steel 316, IP66-rated

Order Code

JREX-HSA-A-Analog	(Analog model)
JREX-HSA-A-SIP	(SIP model)

JRSP-SIP-01



SIP Speaker, robust engineering plastics construction, built-in 25 W Class D amplifier,
Power over Ethernet (PoE) power supply

Order Code

JRSP-SIP-01	(SIP model)
-------------	-------------

JR-DS-01



IP Dispatching Console/Master Station

Processor: Onboard Intel I3 processor(I5/I7 as request)

Chipset: Intel Soc chipset integrated into the CPU

Internal storage: 4G DDR3 memory

Storage:128G solid state drive or above

Hardware detection: CPU, system temperature, fan speed and voltage
monitoring

With 10.1-inch capacitive touch screen

Built-in 200W Camera



JR-TH-04



Telephone Booth
Polyethylene plastic construction
Durable, lightweight, chemical resistant body
Excellent low temperatures impact properties Can
be used both indoors, outdoors and offshore Wall
or pillar installation
Optional colors available upon request
Weight: 18kg Dimensions(mm):640 x 580x 260 mm

JR-TH-01



Acoustic insulation: Noise Attenuation up to 23 dB
Polyethylene plastic construction GRP
Durable, lightweight, chemical resistant body
Excellent low temperatures impact properties
High performance polyurethane acoustic insulation liner, resistant to mildew and rot
Fire retardant class "0" rating
Wall or pillar installation
Can be used both indoors, outdoors and offshore
Optional colors available upon request
Weight:: 25 kg Dimensions(mm):500 x 680x 780 mm

JR-TH-02



Telephone Booth
Polyethylene plastic construction
Durable, lightweight, chemical resistant body
Excellent low temperatures impact properties Can
be used both indoors, outdoors and offshore Wall
or pillar installation
Optional colors available upon request
Weight:: 20 kg Dimensions(mm):800 x 690x 480 mm

JR-TH-01-OC



Acoustic insulation: Noise Attenuation up to 23dB. Polyethylene plastic construction (GRP)
Outer Shell: General Purpose Resin continuous filament mat. Fire Resistance
Acoustic Insulation: 50mm Tissue faced non hygroscopic sound absorbing cotton Insulation
Liner: High performance polyurethane acoustic insulation liner
Apparatus plate: 304 Grade Stainless Steel, 1.5mm thickness
Mounting Brackets: 304 Grade Stainless Steel, 2mm thickness
Wall or pillar installation, can be used both indoors, outdoors and offshore
Optional colors available upon request
Weight: 35 kg Dimensions (mm): H900*W700* D620 (mm)



JR922-FK-SIP



Control room SIP/VoIP Gooseneck Intercom Robust housing, constructed of stainless steel Vandal resistant and rugged keypad
Hands free operation with goose-neck microphone and LCD display Desk top mounting
Weather proof protection: IP54 to IP65
External power supply or PoE power supply
RJ45 Port for IP connection
CE, FCC, IK10 compliant

JR-TH-03



Standalone booth
Robust metal construction
Contain an inside lamp
Fancy looking and modern
Noise reduction with door Up to 38dB
Noise reduction without door Up to 25dB
Optional colors and dimension available upon request
Weight: 300 kg Dimensions(mm):1100 x 1100x 2400 mm

JR-TH-03A



Full Sized Acoustic booth
Robust metal construction
Contain an inside lamp
Fancy looking and modern
Noise reduction with door Up to 35dB
Noise reduction without door Up to 25dB
Optional colors and dimension available upon request
Weight: 300 kg Dimensions(mm):1100 x 1100x 2200 mm

JR-TH-08



Full Sized Acoustic booth
Robust GRP (Fiberglass Reinforce plastic) construction
Contain an inside lamp
Fancy looking and modern
Noise reduction with door Up to 38dB
Noise reduction without door Up to 25dB
Optional colors and dimension available upon request
Weight: 300 kg Dimensions(mm):1100 x 1100x 2150 mm





Flash bell a/b

Flash, bell or flash + bell. To connect on an a/b line and powered via 220V AC. Volume 0...100dbA, variable frequency
130x130x45 mm

TELA-008



Phone relay a/b SAR 1

Mono stable relay. Connects on an analogue extension. NO relay contact
3A/250V.
80x65x36 mm

TELA-005



Battery 7.2Ah 12V

Suited and guaranteed for euQom Ares UPS

E05-019

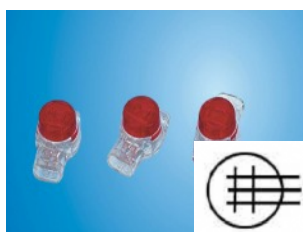


IDC Insertion Tool

E01-005

For Free

Once pro order (>100€) 100 pieces for free on simple request.



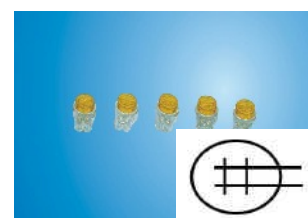
UR Splice 0.4-0.9 "gel filled" (100/pack)

E01-015



UG Splice 0.4-0.9 "gel filled" (100/pack)

E01-014



UY (8A) Splice. 0.4-0.9 "gel filled" (100/pack)

E01-048

Adeltronik bv
Smisstraat 3B B3
B1861 Meise - Wolvertem

Tel.: +3222704444

VAT: BE 0471 806 812

E-mail: herman(at)adeltronik.be

All brand names, trademarks, product names and company names or logos cited herein are the property of their respective owners.

| Changes Prohibited | General Sales Conditions Prevail | Errors are reserved |

Info and support in Dutch, French, English, German are only 4 ringtones away.

+32 2 270 4444