Gigaset pro

N510 IP PRO

DECT IP base for mobile communication in small and medium-sized businesses.

The N510 IP PRO is the DECT IP base station for small and medium-sized businesses. Supporting a wide range of Gigaset pro handsets currently available, the base blends flexible communication with exceptional sound quality. Professional features such as corporate directory access, online directories and notification of emails received help ensure efficiency in day-to-day work. Wireless connectivity enables freedom of movement. A whole host of tasks can easily be completed simultaneously. The N510 IP PRO is compatible with over 250 VoIP providers and all conventional PABX systems. Automatic installation with Gigaset pro IP PBX systems ensures quick and easy configuration.

UP TO 6 USERS

SUPPORTS UP TO 4 CALLS

HD VOICE — HIGH DEFINITION SOUND

MADE IN GERMANY

Key features:

- Up to 4 external calls in parallel
- Up to 6 handsets
- Up to 6 VoIP accounts
- Compatible with a host of Gigaset pro handsets
- HD Audio and HD Voice [1, 2]
- Access to local network directories and public online directories[1]
- Email notification and reader function [2]
- Auto-provisioning [3]
- Desktop or wall mountable
- Energy-saving[4] ECO features
- Integrated power over Ethernet

DECT technology.
Interference-free DECT technology provides benefits in terms of range, standby time and speech quality.

SIP cordless phone technology.
Proven and optimised SIP technology guarantees high level of compatibility (250+ providers worldwide).

Business productivity.
With access to a local network directory and public online directories, managing contacts is easy. Users can view online information and receive messages instantly via the email reader.

Ease of use.
The user interface featured in the new generation of Gigaset pro handsets is consumer friendly and visually attractive, making communication as easy as possible.

Flexible deployment.
With the wide selection of compatible Gigaset pro handsets, every user can find a handset to satisfy their needs. Compatibility with a broad range of IP providers and PBX systems enables flexible combinations.

BECAUSE IT'S YOUR BUSINESS.

N510 IP PRO

DECT IP base for mobile communication in small and medium-sized businesses.

Professional sound quality.
Exceptional sound quality as a result of HDSP™ [1] (High Definition Sound Performance) increases efficiency in day-to-day work: Superb and clear wideband audio technology makes calls sound like face-to-face meetings.

Cutting-edge Gigaset handsets.
Users can select from a broad range of compatible Gigaset pro handsets according to their business requirements. Gigaset pro handsets are convenient, uncomplicated and reliable. Cutting-edge technology, brilliant sound and innovative features make them a pleasure to operate, and thorough tests have proven their endurance. Designed in contemporary, elegant style, they perfectly suit business environments. ECO DECT reduces power consumption and transmission power, allowing businesses to maintain a commitment to the environment.

Technical data:

Phonebook and dialling
• Access to external network directories via XML interface or LDAP 5 interface
• Reverse search and online auto look-up
• vCard entries
• Caller ID[1] for incoming and outgoing calls
• Missed and redialled call lists
• Search function
• Automatic prefix dialling or provider selection

Connectivity

Flexible and scalable connectivity options with the N510 IP PRO.

SIP-Provider or IP PBX (Gigaset pro or other manufacturers) or Hosted-PBX possible.

Receiving calls [2]
• Online auto-lookup[1]
• List of calls missed, received, dialled
• Call waiting, forward and transfer
• Call hold and retrieve
• Music on hold
• Block anonymous callers
• DTMF (SIP-INFO/RFC 2833)
• Multinational call progress tones

Computer Telephony Integration (CTI)
• Via standard SIP procedure as with the Gigaset T440 PRO and T640 PRO
• BroadSoft: click to dial, click to answer [1]

Voicemail
• SIP MWI signalling
• MWI key

IP PBX features[1, 3]
• Network mailbox
• Conference calls
• Call transfer: with consultation, with initial consultation
• Call hold
• Call reject
• Call resume
• Call back
• CLIR
• Call waiting
• Call forwarding: CFU, CFNR, CFB
• No MWI if call is completed elsewhere
• Call log
• Auto-provisioning[3]

Gigaset IP PBX features[3, 5]
• Auto-provisioning
• Central PBX directory

Expandable up to 6 DECT handsets

Hardware

- Desktop or wall mountable
- Indoor use (IP20)
- Status LED and paging key
- Ethernet RJ45 10/100 Mbps
- Integrated power over Ethernet (PoE Class 1 < 4W)
- Power-saving 230-V switching power supply
- Colour: polar white SF9063
- Dimensions: 105 mm (L) x 46 mm (W) x 132 mm (H)
- Weight: 120 g
- Two-year warranty

IP PBX compatibility

- Gigaset pro
- Unify
- Starface
- Asterisk
- Hybird

More partners available at wiki.gigasetpro.com

Cloud / Hosted PBX

- Broadsoft
- Centile
- Kwebbl
- Teles
- Metaswitch
- 3CX

More partners available at wiki.gigasetpro.com

ECO and further IP PABX (SIP)

- Up to 60% less energy consumption withenergy saving power supply [4]
- ECO Mode8 for 80% reduction of transmission power
- ECO Modus Plus 7 for 100% reduction of transmission power between base station and all registered handsets
- Reduction in transmission power depending ondistance between handset and base station

Special features

- Email notification and reader (POP3, POP3S) [2]
- Up to 6 accounts (1 per user)
- Up to 560 characters
- Info Center with online content: weather, news and more
- Increase range with up to 6 Gigaset DECT repeaters
- MWI signalling configurable

Provisioning and administration

- Easy setup via web server or handset
- Simple configuration via XML config file
- Retrieval of provisioning URL via SIP Multicast
- Plug & Play auto-provisioning for provider/customer
- Firmware upgrade/downgrade
- Sysdump

DECT interface

- Frequency range: 1.88 to 1.90 GHz (EMEA), DECT shifted
- DECT EN 300 175-x
- DECT radio coverage up to 50 m indoors and 300 m outdoors
- Latest DECT security standard

IP protocols

- SIP (RFC 3261, RFC 2396, RFC 2976)
- HTTP authentication/Digest Access Authentication (RFC 2617)
- SIP server localisation (RFC 3263)
- Call transfer (RFC 3515, RFC 3891, RFC 3892)
- MWI (RFC 3265, RFC 3842)
- SDP (RFC 4566, RFC 3264, RFC 3555)
- RTP (RFC 3550, RFC 3551, RFC 3555, RFC 2833)
- XML-based Gigaset online directory protocol,HTTP, SNTP, STUN, POP3, DNS, TCP, UDP, IPv4, QoS
- Codecs G.711, G.722, G.726, G.729ab
- VAD/CNG
- QoS, VLAN
- DHCP (Option 60, 114, 120)

Approvals

- CE

Gigaset pro

Compatible handsets

SL750H PRO

Micro in size, gigantic in business communication.

- Large 2.4"TFT-color display
- Up to 12 hours of talk time.
- Easy installation. Unpack, connect and conduct a call
- Handsfree talking with brilliant HDSP/CAT-IQ 2.0 sound quality and high maximum volume
- Full compatibility with Gigaset N510 Single and N720 DECT IP Multicell systems
- Modern design with convenient size and proportions
- Searchable local phonebook with up to 500 vCards and corporate phonebook via PBX (XML, LDAP)
- Support of Net provider features via menu
- Vibrating alert
- Silent charger mode during parallel ringing
- Headset connection via Bluetooth® or 2.5 mm jack
- Convenient data exchange via Bluetooth® or micro-USB
- PIN-protected keylock for optimum line security
- Charging via any micro-USB
- Scratch- and disinfectant resistance
- Wider, significantly thinner and more elegant
- Easy maintenance with Software-update-over-the-air support[1] (SUOTA)

S650H PRO

The new standard in business communication

- Next generation user interface on 1,8"TFT illuminated display
- Profiles for personal, meeting and noisy environments
- Handsfree talking with brilliant HDSP/CAT-IQ 2.0 sound quality and high maximum volume
- Searchable local phonebook with up to 500 vCards and corporate phonebook via PBX (XML, LDAP)
- Vibrating alert
- Silent charger mode during parallel ringing
- Headset connection via Bluetooth® or 2.5 mm jack
- Convenient data exchange via Bluetooth® or micro-USB
- PIN-protected keylock for optimum line security
- Charging via micro-USB
- Scratch- and disinfectant resistance
- Easy maintenance with Software-update-over-the-air support[1] (SUOTA)

R650H PRO

Robust and durable

- Next generation user interface on 1,8"TFT illuminated display
- Side keys for volume adjustment during a call
- Up to 14 hours of talk time.
- Visual call signaling over pocket torch LED
- Profiles for indoor, outdoor and personal use
- Handsfree talking with High Definition Voice/CAT-IQ 2.0 sound quality
- Full compatibility Gigaset N510 IP Single- and N720 IP Multicell systems
- Searchable local phonebook with up to 200 vCards and corporate phonebook via PBX (XML, LDAP)
- Vibrating alert
- Silent charger mode during parallel ringing
- Headset connection via 2.5 mm jack
- PIN-protected keylock for optimum line security
- Easy maintenance with Software-update-over-the-air support[1] (SUOTA)
- Support of Net provider features via menu

It's your best choice.

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

1 Dependent on country/network/provider
2 Dependent on registered handset
3 When used with a Gigaset IP PBX system
4 Compared to conventional Gigaset base stations
5 Planned for a later software update
6 Only with compatible handsets from Gigaset pro
7 For all registered handsets – compared to when ECO Mode is not activated and to conventional Gigaset base stations
8 When handset is idle or charging and all registered handsets support ECO Mode Plus Mode Plus
9 The handset is sold exclusively through specialist dealers