

Gigaset

DECT IP base for mobile communication in small to medium businesses.

N510 IP PRO

The N510 IP PRO is the DECT IP base station for small and medium-sized businesses. Supporting a wide range of Gigaset DECT 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 PABX systems ensures quick and easy configuration.



UP TO
6 USERS



SUPPORTS UP
TO 4 CALLS



HIGH
DEFINITION
SOUND



Key features:

- Up to 4 external calls in parallel
- Up to 6 handsets
- Up to 6 VoIP accounts
- Compatible with a host of Gigaset DECT handsets
- Exceptional sound quality with HDSP™ 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 handsets is consumer friendly and visually attractive, making communication as easy as possible.

Flexible deployment.

With the wide selection of compatible Gigaset 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.

Expands with your needs.

The N510 IP PRO can register up to 6 mobile handsets. The talking range of the handsets can also be expanded by combining the system with up to 6 additional bases.

N510 IP PRO

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 handsets according to their business requirements. Gigaset 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 ID1 for incoming and outgoing calls
- Missed and redialled call lists
- Search function
- Automatic prefix dialling or provider selection

Receiving calls

- Online auto-lookup¹
- 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 answer⁶

Voicemail

- SIP MWI signalling
- Access key

PABX 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-provisioning³

Gigaset PABX features^{3,5}

- Auto-provisioning
- Central PBX directory

N510 IP PRO

PBX manager menu on the handset^{3,5}

- Hotdesking
- Call lists
- Call protection
- Number display
- Group administration
- Call forwarding
- Visual voicemail display
- Central directory

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: 120g
- Two-year warranty

PABX compatibility

- Gigaset
- Asterisk
- Starface
- BroadSoft
- HiPath
- IP Centrex
- Nortel
- Sylantro
- 3CX
- and others

ECO and further IP PABX (SIP)

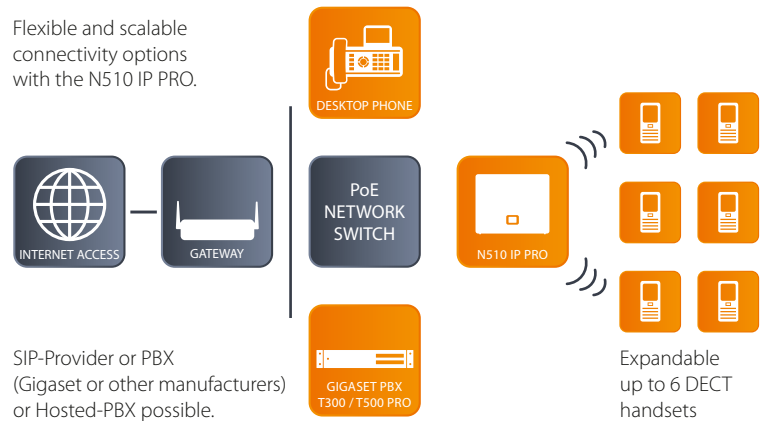
- Up to 60% less energy consumption with energy-saving power supply⁴
- ECO Mode⁸ for 80% reduction of transmitting power
- ECO Modus Plus⁷ for 100% reduction of transmission power between base station and all registered handsets
- Reduction in transmission power depending on distance between handset 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 is configurable

Connectivity

Flexible and scalable connectivity options with the N510 IP PRO.



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: 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
- DECT latest security standard

IP protocols

- SIP (RFC3261, RFC2396, RFC2976)
- HTTP authentication/Digest Access Authentication (RFC 2617)
- SIP server localisation (RFC 3263)
- Call transfer (RFC3515, RFC3891, RFC3892)
- MWI (RFC3265, RFC3842)
- SDP (RFC4566, RFC3264, RFC3555)
- RTP (RFC3550, RFC3551, RFC3555, RFC2833)
- XML-based Gigaset online directory protocol, HTTP, 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

N510 IP PRO

Handsets



S510H PRO The best kind of contact management.

- Excellent hands-free functionality
- Up to 500 vCards entries and list of last 20 missed calls
- Large TFT colour display and modern user interface
- Illuminated keypad
- Standard headset jack (2.5 mm)
- Calendar with reminder function



SL610H PRO High-performance DECT handset for professional use.

- Brilliant, 1.8" TFT colour display with 7 lines
- Intuitive, icon-based user interface
- Headset connection via Bluetooth® or 2.5 mm jack
- Convenient data exchange via Bluetooth® or mini-USB
- Address book for up to 500 vCards
- Vibrating alert
- 'Do not disturb' function for anonymous calls
- Hands-free talking with brilliant sound quality
- 4 hands-free profiles for a personal, high-quality voice experience
- Organiser with calendar and reminder functions
- Ergonomic keypad with adjustable illumination and keypad protection



R630H PRO – Robust and durable

- IP 65 protection class: dust-, water- and shock resistant
- 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. It supports your activities during the day, without re-charging
- Visual call signaling and use as pocket torch possible thanks to LED
- Configurable call signalling profiles (ringtones, vibration)
- Excellent audio quality (HDSP™)

Handset compatibility

- Full compatibility with Gigaset handsets: SL610H PRO, S510H PRO, S810H, S79H, SL400H, SL78H, C610H, C59H, R630H PRO
- All handsets that satisfy the GAP standard as a minimum

Gigaset pro system components

- Recommended Gigaset DECT handsets: SL610H PRO, S510H PRO, R630H PRO
- IP PABX systems: Gigaset T440 PRO, Gigaset T640 PRO, Hybrid 120 GE

gigasetpro.com

¹ Dependent on country/network/provider

² Dependent on registered handset

³ When used with a Gigaset PABX system

⁴ Compared to conventional Gigaset base stations

⁵ Planned for a later software update

⁶ Only with compatible handsets such as Gigaset C59H, S79H, SL400H and SL78H

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 ECOMode Plus

⁹ The handset is sold exclusively through specialist dealers

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 or visit gigasetpro.com.