# 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 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

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 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.

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 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 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 PBX (Gigaset or other manufacturers) or Hosted-PBX possible.

DESKTOP PHONE

PoE NETWORK SWITCH

N510 IP PRO

GIGASET PBX T440 / T640 PRO

Expandable up to 6 DECT handsets

### 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

### 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-provisioning[3]

### Gigaset PABX features[3, 5]
- Auto-provisioning
- Central PBX directory

## 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: 120 g
- Two-year warranty

## PABX compatibility

- Gigaset
- Asterisk
- Starface
- BroadSoft
- Teles
- Unify
- 3CX
- Hybird
- for more see our wiki

## 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 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
- 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

### 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

### 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 over pocket torch LED
- Easy as Gigaset. Unpack, connect and conduct a call
- Profiles for indoor, outdoor and personal use
- Excellent audio quality (HDSP™)

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**Handset compatibility**
Full compatibility with Gigaset handsets: SL610H PRO, S510H PRO, S810H, S79H, SL400H, SL78H, C610H, C59H, SL750H PRO, R630H PRO

**Gigaset pro system components**

- Recommended Gigaset DECT handsets: SL750H PRO, SL610H PRO, S510H PRO, S650H PRO, R630H PRO
- IP PABX systems: Gigaset T440 PRO, Gigaset T640 PRO, Hybird 120 GE

## 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**

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 S510H PRO, S650H PRO, SL610H PRO, R630H 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 ECOMode Plus Mode Plus
9 The handset is sold exclusively through specialist dealers