Gigaset

The DECT IP multicell system for seamless mobile communication in SMB.

Gigaset N720 DECT IP Multicell System: N720 IP PRO and N720 DM PRO

The Gigaset N720 DECT IP Multicell System consists of two elements – the N720 IP PRO, a base station, and the N720 DM PRO, the DECT Manager. 1 to 20 base stations and 100 handsets can be connected to the DECT Manager and enable true wireless mobility in on-site communication with seamless handover and roaming. Productivity is leveraged by corporate and online directory access and email notification. Gigaset pro handsets are optimised for usage with the N720 DECT IP Multicell System. Thus, users benefit from mobility in communication with wideband sound quality. The N720 system seamlessly integrates in the corporate IP network as a backbone. Connection to the T500 PRO and T300 PRO, two IP PBXs of the Gigaset pro range, provides zero touch provisioning and best interoperability. The N720 SPK PRO (Site Planning Kit) is recommended for planning of large deployments.
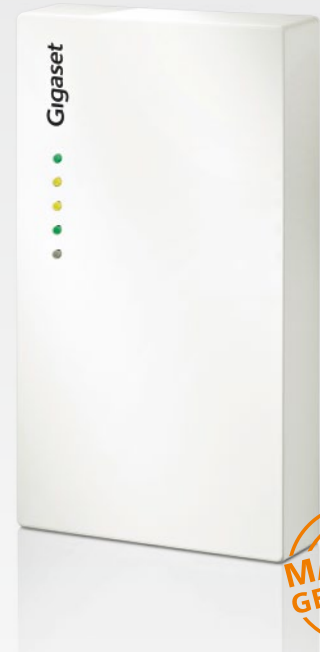
| UP TO 100 USERS | SUPPORTS UP TO 30 CALLS | HIGH DEFINITION SOUND | EMAIL NOTIFICATION |

MADE IN GERMANY

Feature highlights:

- 1 to 100 users / SIP accounts / handsets
- 1 to 20 base stations
- Up to 30 parallel calls
- 8 simultaneous calls per base (4 in G.722 HDSP™ mode)
- Seamless handover and roaming
- Exceptional HD sound with HDSP™ [1, 2]
- Local network directory and public online directories (white and yellow pages) [1]
- Email reader
- Professional zero-touch auto-provisioning setup
- Power over Ethernet

DECT technology.
DECT technology is interference free, secure and provides benefits in terms of range, standby time and speech quality.

Scalable and future-proof.
The N720 DECT IP Multicell System is expandable to up to 100 handsets and 20 base stations. Gigaset pro handsets are optimised for business requirements. Interoperability is guaranteed for future Gigaset handset generations.

Connectivity.
The N720 DECT IP Multicell System is perfect to use with Gigaset T500 PRO and T300 PRO IP PBX. The DECT Multicell System is also compatible to other IP PBX and can be linked to IP Centrex providers.

Easy setup and configuration.
Administrators benefit from zero touch provisioning with Gigaset T500 PRO / T300 PRO. The intuitive web-based interface, XML based configuration files, provider profiles and support of standard protocols make configuration extremely easy and fast.

Business productivity.
With direct access to corporate and public online directories, managing contacts is easy – even while on the move. User can access online information and can receive text messages by Email reader.

Professional HD sound.
Exceptional HDSP™ [1, 2] sound on the N720 IP PRO adds business efficiency: superb and clear wideband audio technology makes calls sound like face-to-face meetings.

Broad range of Gigaset handsets
Select from a broad range of compatible Gigaset handsets tailored to your business needs – from elegant to ruggedized. High quality and thorough testing ensure endurance for everyday use.

Users benefit from a visually attractive user interface of the new generation of Gigaset handsets, brilliant sound and innovative features.

Gigaset pro

INSPIRING CONVERSATION.

Technical data:

Phonebook and dialling
- Link to external phonebooks (PBX, Soft PBX, external server in LAN or Web) via LDAP or XML interface (e.g. Klicktel Online directory)
- Search and reverse search function (number -> contact) and reverse lookup online (display of caller id from online directory)[1]
- Private network address book (user specific): search, edit, delete entries
- Vcard support
- Name indication for incoming calls, outgoing calls, missed call list, redial list
- Barring of calls (black list)
- DTMF (SIP Info / RFC2833, inband)
- Multinational 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)
- List of up to 50 calls (missed, received, dialled)
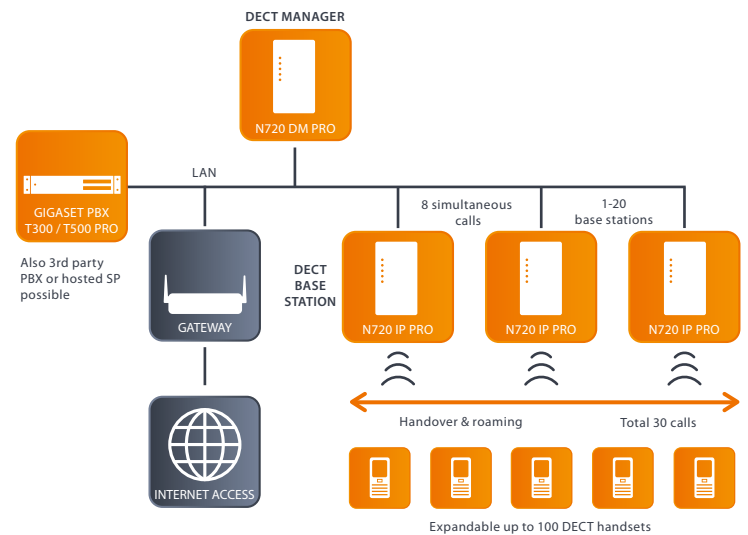- SIP MWI (Message Waiting Indicator) signalling for voice mail

Special features
- Computer Telephony Integration (CTI) via standard SIP procedure as used in IP PBX Gigaset T500 PRO / T300 PRO
- Broadsoft: Click to dial, Click to answer
- Email reader (POP3, POP3S)
  - up to 560 characters
  - up to 100 accounts (1 for each user)
- Interactive Info Center (also customer specific)
- MWI signalling configurable

Hardware
- Wall- or ceiling mountable
- Antenna diversity
- 4 Status LEDs
- Reset key
- Ethernet RJ45 10/100 Mbps
- Power over Ethernet
  - N720 DM PRO: PoE IEEE 802.3af < 3,8W (Class 1)
  - N720 IP PRO: PoE IEEE 802.3af < 6,4W (Class 2)
- Power saving switch mode power supply (EU or UK)[4]
- Colour: polar white SF9063
- Dimension: 190mm (H) x 110mm (W) x 42mm (D)
- Two-year warranty

Connectivity

Flexible and scalable connectivity options with the N720 IP PRO and N720 DM PRO.

DECT MANAGER
N720 DM PRO

GIGASET PBX T300 / T500 PRO
Also 3rd party PBX or hosted SP possible

LAN

GATEWAY

INTERNET ACCESS

DECT BASE STATION

8 simultaneous calls

1-20 base stations

N720 IP PRO

N720 IP PRO

N720 IP PRO

Handover & roaming   Total 30 calls

Expandable up to 100 DECT handsets

Software
- Retrieval of Provisioning-URL via SIP Multicast or DHCP-Option
- Easy configuration via web browser
- Provider and PBX setting profiles
- Administrator friendly configuration via configuration file
- User specific Auto-provisioning
  - via MAC address
  - via Auto-configuration code
  - via XML configuration file
- Firmware upgrade / downgrade
- Event log

Gigaset pro

N720 IP PRO and N720 DM PRO

Technical specifications
- Frequency 1.88 GHz to 1.90 GHz (EMEA)
- DECT EN 300 175-x
- Standards: GAP / PN-CAP/ CAT-iq 1.0
- DECT radio coverage up to 50 m (indoor) and 300 m (outdoor)
- Support of 120 DECT channels
- DECT latest security standard
- TLS for HTTPS and POP3S
- 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)
- Gigaset XHTML Profile 2.2
- XML-based Gigaset Online-Directory-Protocol, IPv4, SNTP, STUN, DHCP (Option 60, 114, 120), DNS, TCP, UDP, VLAN (IEEE 802.1q)
- 8 simultaneous calls per base (G.726, G.711, G.729ab codec), up to 4 calls with wideband audio (G.722)
- Codecs G.711, G.722, G.726, G.729ab (10 channels)
- VAD/CNG (for G.729ab)
- QoS (RFC2474, RFC2475)
- Approvals: CE

PBX features[3]
- Network AM
- Call transfer: attended, unattended, via R-key
- Call waiting
- Call hold/toggle/resume
- Call reject
- CLIR
- Call forwarding: CFU, CFNR, CFB
- Call barring
- Auto-provisioning with IP PBX Gigaset T300 PRO and T500 PRO
- Net directories via LDAP and XML

Features with Gigaset PBX T300/T500 PRO[3, 5]
- Autoprovisioning
- Call to go
- Conference
- PBX Central Phonebook

PBX Manager menu on handset[3, 5]
- Hot Desking
- Call Lists
- Do Not Disturb
- Display Number
- Groups Management
- Redirection
- Visual Voicemail
- Central Phonebook

Packaging
- Dimension: 248mm (L) x 186mm (D) x 64mm (H)
- Overall weight approx.: 363g

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

Gigaset pro system components

Gigaset N720 DECT IP Multicell System

Gigaset N720 DM PRO
- The DECT manager is required once in every installation as the core administration and management device. It is the interface to the PBX or the SIP provider.
- Order Nr. S30852-H2315-R101

Gigaset N720 IP PRO
- 1 to 20 N720 IP PRO DECT base stations can be connected to the DECT manager.
- Order Nr. S30852-H2314-R101

Gigaset N720 SPK PRO
- This Site Planning Kit is recommended for the multicell site analysis and planning. The kit includes two calibrated handsets (Gigaset S810H) and one Gigaset N720 SPK PRO base station.
- Measurement of RSSI values
- Order Nr. S30852-H2316-R101

Power supplies
- Optional, if no PoE/PoE injector available
- EU: Order Nr. C39280-Z4-C706
- UK: Order Nr. C39280-Z4-C745

Gigaset T300 PRO and T500 PRO
Best interoperability is ensured when connected to the Gigaset T 500 PRO / T300 PRO PBX.
Powerful, easy-to-administrate PBX communication systems for small to medium businesses, with capabilities exceeding those of conventional telephone systems. Its comprehensive range of calling options – internet, fixed-line, ISDN– and complete feature set establish an all-encompassing professional communication network with ultimate reliability. CTI-enabled data transfer, simple web administration, an extensive voicemail system, and more complete this all-around flexible and secure SMB phone system 'Made in Germany'.

- Gigaset T 500 PRO supports 1 to 100 registered users and up to 30 parallel calls
- Gigaset T 300 PRO enables 1 to 15 registered users and up to 15 parallel calls

Gigaset pro

N720 IP PRO and N720 DM PRO

Handset compatibility

Gigaset SL610H PRO –
Sophisticated DECT handset for professional use

- Brilliant, 1.8" TFT colour display with 8 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
- Time-specific, 'do not disturb' function for external, non-VIP calls
- Hands-free talking with brilliant sound quality
- 4 hands-free profiles for personal voice quality experience
- Organiser with calendar and reminder functions
- Ergonomic keypad with adjustable illumination and keypad protection

Gigaset S510H PRO –
Skilled communication

- Best-in-class hands-free talking
- Headset connection via Bluetooth® or 2.5 mm jack
- Address book for up to 500 vCard entries
- Large 1.8" TFT colour display with modern user interfaceh
- Side key for simple volume control
- High-quality keypad
- Call list of last 20 dialled numbers
- Speed-dialling with 9 shortcut keys
- Calendar and event schedule with alarm function

R630H PRO –
Robust and Enduring

- 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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[1] Dependent on country / network/ operator / PBX
[2] With Gigaset HDSP capable handsets: e.g. S510H PRO, SL610H PRO
[3] When used with a Gigaset PBX system
[4] Available as accessory
[5] With Gigaset pro handsets only

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.**

Gigaset pro