

Gigaset A540 IP

Advanced telephony

- For up to 6 SIP accounts and 1 fixed-network connection
- Up to 3 calls in parallel (1 fixed-line call + 2 internet calls)
- Access to e-mail, online telephone books*, Facebook
- With free app: „Contacts Push“, for transferring smartphone contacts to the handset
- Illuminated, high-contrast colour display with 4 colours to choose from
- Brilliant audio / hands free mode quality (HD voice)
- Day/night mode: timed ringtone deactivation, with the exception of VIP contacts
- VIP call with individual melody and display colour selectable



IP- and fixed network telephony

- Multiline for up to:
 - 6 handsets
 - 6 SIP numbers (also of different providers)
 - 1 fixed network connection (analogue)Individual line allocation according to handset (for incoming and outgoing calls)
- Easy installation and provider registration via SIP provider selection list (no PC required)
- Prepared for auto-provisioning*
- Expanded settings via web configuration
- Firmware update directly via handset (no PC required)
- Operation on routers with automatic allocation of the IP-address (DHCP)
- Quality of Service*: ToS, Diffserv, DSCP
- Supported VoIP comfort functions*: conference, hold / call waiting, call forwarding
- Automatic emergency operation via fixed network in case of faulty VoIP connection

IP features and services

Gigaset.net

- Worldwide, free internet telephony via Gigaset.net with other Gigaset DECT IP telephones

Online telephone book*

- Access to telephone books and yellow pages
- Reverse search via telephone number and display of name, address, etc.

E-Mail

- Direct access to POP3 / POP3S accounts without PC
- E-mail display on handset with: sender, date and time, subject (up to 560 characters)
- If a new e-mail message arrives, the message key flashes

Applications

- Information services as interactive applications, e.g., weather, Facebook, e-Bay, Wikipedia, online telephone book, etc.
- Various applications can also be set as screensavers: e.g., weather, RSS feeds, eBay, Facebook, horoscope, etc.
- Initiation of calls directly via service pages ("click-to-call")

Audio quality

- Brilliant audio quality in HD voice*
- Hands free talking with brilliant sound quality in HD voice
- Adjustable volume of handset sound and hands free mode (5 levels)
- Ringtone volumes settable in 5 levels / OFF / crescendo
- Advisory tone (for key confirmation and low battery)

Gigaset
Wherever you go.

Telephone book and dialling functions

- Telephone book for up to 150 names and numbers
- 6 VIP-groups (a specific melody and colour can be assigned to each VIP-group)
- Name indication for: incoming calls, missed calls list, redial list
- Dial preparation (input of phone numbers before the actual dialling procedure) with correction option
- Redial of the last 10 different numbers
- Programmable speed-dial shortcut keys (keys 2 –0)
- Dialling procedure: Dual-tone multi-frequency dialling (DTMF), pulse dialling (DP)
- Dialling key (programmable flash times)
- Telephone book transfer between different handsets and between handset and PC
- Up to 30 dialling rules can be set:
 - Automatic line assignment by IP or fixed network and telephone number allocation
 - Manual line assignment
 - SIP URI dialling

Display

- Illuminated graphical display, 33 x 32 mm (H x W), 1,8", 96 x 64 pixel
- Display illumination: 4 colours (amber, green, blue, red)
- Display / screensaver
 - Digital clock
 - Live ticker
- In sleep mode:
 - Display of date and time
 - Display of battery charge status
 - Display of signal strength
 - Display keys for quick selection of functions
- During a call: display of call duration

Call display and signalling

- Call display with number or name (CLIP / CNIP)*
- Display signalling incoming call, send key illuminated (green LED)
- Ringtone and colour for VIP entries selectable
- Adjustable ringtones:
 - 20 standard melodies in handset (12 polyphonic)
 - 5 adjustable volume levels / OFF / crescendo
- Individual ringer melody for internal / external calls
- Day/night mode: timed ringtone deactivation, with the exception of VIP contacts

Display of missed calls / caller list

- Display of missed calls in the display and flashing message key
- List of the last 25 missed calls with number / name and time*
- Direct dialling out of missed calls list
- Anonymous call suppression: Calls without a CLIP number are displayed only visually or blocked

Keypad

- High quality, ergonomic keypad (metal dome technology)
- Save handling through individual keys and 4-way-navi-key
- Illuminated keypad
- Illuminated send/hands free key (green LED)
- Illuminated message key (red LED indicates new messages)
- Keypad protection on/off via #-key (long press)
- Ringer tone on/off via *-key
- Dialling key (programmable flash times)

Menu

- Convenient menu guidance in various languages (D, GB, F, I, E, P, TR, etc.)
- Easy operation via colour icons, menu texts, and display keys

Text message function*

- Send and receive text messages via fixed network or IP (RTP)*
- Sending and receiving of text messages of up to 612 characters*
- Memory for 30 text messages with 90 digits
- One common + 3 personalized text message in-boxes*
- Comfortable access to text message services (info-channels)*
- Sending of emails via text message*
- Copy of phone numbers from text message into telephone directory

Additional functions

- Gigaset Contacts Push app for transferring contacts from the smartphone to the handset
- Plug-and-play - very easy installation: unpack, plug in, and call (handset registered ex works)
- Alarm clock feature with adjustable melody and snooze function
- Date and time functions are protected against power failure
- Editable handset name
- Support of additional provider features

Features when operating multiple handsets

- Toll-free internal calling
- 2 internet and 1 fixed-line call in parallel (VoIP and PSTN) and additionally 1 internal call
- Internet or fixed-line 3-party conference (1 external / 2 internal participants)
- Phonebook transfer between handsets
- Internal calls to all or selected handsets
- Internal transfer of external calls to another handset with prior consultation call
- Simultaneous ringing of all handsets for external calls

ECO DECT

- Automatic reduction of the transmitting power depending on the distance between the handset and the base station
- Radiation-free in standby mode, even if several handsets are used, as long as all registered handsets support ECO DECT
- Low energy consumption due to energy-saving plug-in power adapters

Technical data

Configuration	<ul style="list-style-type: none"> ○ Connection of 2 external lines <ul style="list-style-type: none"> - 1 fixed line call - 1 LAN for 2 internet calls in parallel and up to 6 SIP-accounts* ○ Up to 6 handsets can be registered ○ Transmission range expansion with Gigaset repeater
Interface	a/b (analogue) + IP/Ethernet (IEEE 802.3) for VoIP
Implementation	Main connection / HA / PBX
Standards	DECT, GAP, SMS via fixed line or IP (RTP)*, DHCP (Option 60, 114, 120), SIP, RTP, STUN, POP3/POP3S, TR-069 Codecs: G711, G722, G726, G729AB

Handset	<ul style="list-style-type: none"> ○ Standby time: Up to 200 h ○ Talk time: Up to 18 hours ○ Batteries: 2 x AAA NiMH rechargeable battery ○ Charging time: Approx. 5 hours ○ Range <ul style="list-style-type: none"> - In buildings: Up to 50 m - Outdoors: Up to 300 m ○ Dimensions: 155 x 50 x 28 mm (H x W x D) ○ Weight: Approx. 105 g (including rechargeable batteries)
Base station	<ul style="list-style-type: none"> ○ Power supply: 230 V plug-in power adapter ○ Dimensions: 132 x 105 x 46 mm (H x W x D) ○ Weight: Approx. 120 g ○ Base station suited for wall mounting
Charger	<ul style="list-style-type: none"> ○ Power supply: 230 V plug-in power adapter ○ Dimensions: 75 x 69 x 35 mm (H x W x D) ○ Weight: Approx. 32 g ○ Charger suited for wall mounting
Scope of supply	<ul style="list-style-type: none"> ○ 1 Base station Gigaset A540 IP ○ 1 Handset Gigaset A540 ○ 1 Plug-in power adapters for base station and charger ○ 1 Telephone connecting cable ○ 1 Ethernet cable ○ 2 AAA NiMH rechargeable batteries ○ 1 Battery compartment cover ○ 1 Quick Start leaflet
Appliance colour	○ Anthracite / black
Data sheet version	18.08.2016

* Dependent on country / network/ operator