Gigaset A540 IP

Advanced telephony

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

IP- and fixed network telephony

o   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)
o   Easy installation and provider registration via SIP provider selection list (no PC required)
o   Prepared for auto-provisioning*
o   Expanded settings via web configuration
o   Firmware update directly via handset (no PC required)
o   Operation on routers with automatic allocation of the IP-address (DHCP)
o   Quality of Service*: ToS, Diffserv, DSCP
o   Supported VoIP comfort functions*: conference, hold / call waiting, call forwarding
o   Automatic emergency operation via fixed network in case of faulty VoIP connection

IP features and services

Gigaset.net

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

Online telephone book*

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

E-Mail

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

Applications

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

Audio quality

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

Gigaset

Wherever you go.

Telephone book and dialling functions

- o Telephone book for up to 150 names and numbers
- o 6 VIP-groups (a specific melody and colour can be assigned to each VIP-group)
- o Name indication for: incoming calls, missed calls list, redial list
- o Dial preparation (input of phone numbers before the actual dialling procedure) with correction option
- o Redial of the last 10 different numbers
- o Programmable speed-dial shortcut keys (keys 2 –0)
- o Dialling procedure: Dual-tone multi-frequency dialling (DTMF), pulse dialling (DP)
- o Dialling key (programmable flash times)
- o Telephone book transfer between different handsets and between handset and PC
- o 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

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

Call display and signalling

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

Display of missed calls / caller list

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

Keypad

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

Menu

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

Text message function*

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

Additional functions

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

Features when operating multiple handsets

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

ECO DECT

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

Technical data

Configuration	o Connection of 2 external lines
	  - 1 fixed line call
	  - 1 LAN for 2 internet calls in parallel and up to 6 SIP-accounts*
	o Up to 6 handsets can be registered
	o 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	o Standby time:	Up to 200 h
	o Talk time:	Up to 18 hours
	o Batteries:	2 x AAA NiMH rechargeable battery
	o Charging time:	Approx. 5 hours
	o Range	
	- In buildings:	Up to 50 m
	- Outdoors:	Up to 300 m
	o Dimensions:	155 x 50 x 28 mm (H x W x D)
	o Weight:	Approx. 105 g (including rechargeable batteries)
Base station	o Power supply:	230 V plug-in power adapter
	o Dimensions:	132 x 105 x 46 mm (H x W x D)
	o Weight:	Approx. 120 g
	o Base station suited for wall mounting	
Charger	o Power supply:	230 V plug-in power adapter
	o Dimensions:	75 x 69 x 35 mm (H x W x D)
	o Weight:	Approx. 32 g
	o Charger suited for wall mounting	
Scope of supply	o 1 Base station Gigaset A540 IP	
	o 1 Handset Gigaset A540	
	o 1 Plug-in power adapters for base station and charger	
	o 1 Telephone connecting cable	
	o 1 Ethernet cable	
	o 2 AAA NiMH rechargeable batteries	
	o 1 Battery compartment cover	
	o 1 Quick Start leaflet	
Appliance colour	o Anthracite / black	
Data sheet version	18.08.2016	

* Dependent on country / network/ operator