

Gigaset A580 IP

"Convenient IP-Telephony through affordable hybrid PC-off solution"

Key benefits

- USP: PC-off convenience
- Dual mode: easy switch from internet calls to fixed-line calls
- Multiline functionality (for up to 6 handsets and 6 SIP accounts)
- Up to 3 calls in parallel (2 internet calls and 1 fixed-line call) with multiple handsets
- Online net directory and Yellow Page search



- Interface: a/b (analogue), IP/Ethernet
- Operation: PSTN/PBX
- Standards: DECT, GAP, F-SMS, DHCP, SIP, RTP, STUN
- Colors: Piano Black
- System: cordless hybrid DECT-IP telephone for up to 6 handsets
- Configuration:
 - connection of 1 external PSTN line + 2 external IP lines simultaneously (multiline: up to 6 SIP accounts)
 - up to 6 handsets can be registered with the same base station
 - multicell for up to 4 base stations1)

IP basic features

- o Dual mode: easy switch from internet to fixed line mode (VoIP and PSTN)
- o Easy configuration of internet telephony (VoIP) without PC
- o Easy selection of provider profiles from handset
- o Built-in technology for seamless integration into any LAN
- o Expandable phone system with multiline functionality for up to 6 handsets and 6 SIP accounts from different providers
- o Assign SIP accounts individually to handsets and program separate accounts for incoming and outgoing calls
- o Up to 3 calls in parallel: 2 internet calls and 1 fixed-line call with multiple handsets

IP net features and services

- o Gigaset.net VoIP service²⁾: free of charge calls between Gigaset VoIP phones zero configuration
- o Gigaset.net phonebook
- o Public Phone Book Search: online net directory and Yellow Page Search (availability is country specific / on request)
- o Info screensaver: e.g. RSS feeds and weather forecast²⁾ via live ticker
- o Configuration of system via web Server
- o Configuration of provider profiles via web Server
- o Firmware update directly from handset, without file handling
- o Quality of service¹⁾: ToS, Diffserv
- o VoIP supplementary services (device controlled): conference, hold/toggle, call forwarding
- o Auto-provisioning via MAC Address for auto-configuration including SIP username and password (available on request)
- o Ethernet (IEEE 802.3)
- o VoIP support (embedded SIP VoIP; Codex: G.711, G.722, G.726, G.729AB)
- o DHCP client
- o Increased virus protection thanks to protected operating system
- o Clock synchronization using NTP (Network Time Protocol) server

Sound quality

- o HDSP Ready handset (High Definition Sound Performance – Wideband Voice support^{3), 4)})
- o Handsfree talking with brilliant sound quality – activated by illuminated handsfree key
- o Adjustable volume of handset sound (3 levels)
- o Ringer melodies with 5 tone adjustable volume settings and on/off function via * key (long press)
- o Advisory tone (for key confirmation and low battery)
- o HDSP ringer melody output via handsfree speaker
- o Hearing Aid Compatible (HAC)
- o Mute (via softkey)

Convenience – phoning essentials

Range

- o Indoor range: up to 50 meters
- o Outdoor range: up to 300 meters

Operation time

- o Talk time: up to 25 hours
- o Standby time: up to 210 hours
- o Standby time: up to 210 hours

Phonebook and dialing

- o Phonebook for up to 150 names and numbers
- o Phonebook Transfer between different handsets and between handset and PC
- o Name indication for:
- o Name indication for: incoming call, outgoing call, missed call list, redial list
- o Personalised setting of outgoing line (VoIP/PSTN), with long press of the off-hook key
- o Dial preparation (input of phone numbers before seizure) with correction possibility
- o Redialing of the 10 last different dialed numbers
- o User programmable speed-dial shortcuts using keys 2 – 9
- o Dialing: DTMF, Pulse, Flash (programmable)
- o Time programmable recall
- o Support of local Area-Codes
- o Automatic prefix dialing or network provider Netlock^{1), 2)}

Receiving calls

- o Caller indication by CLIP and CNIP displayed^{1), 2)}
- o Selectable Ringer melodies:
 - 5 polyphonic (16 voices, only Handset)
 - 10 standard melodies
 - adjustable volume
- o Ringer output in handset via hands free speaker

Missed calls

- o Display signaling missed calls
- o Easy access to missed call list with dedicated illuminated message-key
- o List showing up to 30 missed calls saving calls with caller indication (CLIP / CNIP - base requested) and time 1), 2)
- o Direct dialing out of the Missed Call List

General additional features

- o Plug & Play (unpack, connect the phone and conduct a call)
- o Modern handset design and stand alone base station
- o Alarm clock with selectable ringer melody snooze function
- o Date and time functions are protected against power failure (date/time: with NTP synchronized)
- o Internal antennas

Display and menu features**Display**

- o Illuminated B/W display (1.42", 96x64 dot graphic, 3 lines + 1 line for soft keys)
- o Display illumination: amber

Standby

- o Display of date and time as screensaver (default setting) (with further possibility to set-up live ticker infoservice)

In idle

- o Display of date and time
- o Display of battery life and signal strength
- o Soft keys for quick selection of functions

While conducting a call

- o Display of call duration in talk mode

Menu

- o Convenient menu for easy use in up to 21 languages (variable according to geographical region)
- o Simple operation via text based menu list (on 1st and following user interface levels) and soft keys

Keypad features

- o New ergonomic keypad in high quality material (polydom technology)
- o Illuminated keypad including navigation area
- o Keypad illumination: amber
- o Illuminated handsfree talking key (red) and dedicated illuminated message key (red)
- o Keypad protection on/off via # key (long press)
- o Ringer tones on/off via * key
- o Flash key (R) with long press for pause (P)
- o Intercom key (can be used as FNO specific key)
- o Free programmable key

Messaging functions (SMS)^{3), 4)}

- o Automatic SMS registration
- o Sending/receiving of SMS with up to 640 characters (by linking of up to 4 SMS)^{3), 4)}
- o Storage of up to 30 SMS with 90 characters
- o Up to 4 personalized SMS inboxes⁴⁾
- o Easy access to SMS services (info-channels)⁴⁾
- o Transmission of e-mails via SMS^{3), 4)}
- o Copy of telephone numbers from SMS to directory
- o Storage of 13 short SMS
- o Easy SMS set-up including registration
- o SMS protocol 1

Eco DECT

- o Up to 60% less energy consumption⁵⁾ thanks to an energy-saving power supply
- o ECO Mode - for reduction of transmitting power by 80%⁶⁾ for all registered handsets, dependent on distance from base station
- o Variable reduction of transmitting power according to distance between handset and base station (for all registered handsets)⁶⁾

Accessories

- o Gigaset Repeater
- o Up to 6 Gigaset handsets

¹⁾ Service provider specific

²⁾ Registration necessary; the content supplier reserves the right to make changes

³⁾ Country specific

⁴⁾ Operator specific (fixed-line)

⁵⁾ In comparison to our conventional cordless phones

⁶⁾ In comparison to when ECO Mode is not activated and our conventional cordless phones

Features with more than one handset

- o 2 internet and 1 fixed-line call in parallel (VoIP and PSTN) and additionally 1 internal call or AM access simultaneously
- o Phonebook transfer between handsets
- o Ringing assigned to all or selected handsets for internal calls
- o Internal transfer of external calls to another handset with prior consultation call
- o Internet or fixed-line 3-party conference (1 external / 2 internal participants)
- o Two 3-party conferences simultaneously (1 external internet or fixed-line call/2 internal participants each + AM access)

Fixed net operator features

- o Support of net provider features by use of R key, * key and # key
- o FNO specific key
- o Context sensitive menus for operator net-based features (conference etc.)

Technical data**Handset**

- o Standby time: up to 210 hours
- o Talk time: up to 25 hours
- o Battery: 2 x AAA (NiHM)
- o Charging time: 7h
- o Indoor range: up to 50 meters
- o Outdoor range: up to 300 meters
- o Dimensions (H x W x D) / weight
- o Handset: 148mm x 49mm x 29mm / 105g

Base station

- o Power-saving 230 V switch-mode power supply
- o Connection of up to 6 handsets
- o Paging key on front of base
- o Dimensions (H x W x D in mm)
- o Base station: 144mm x 52mm x 27mm

Package contents

- o 1 handset
- o 1 handset charger
- o 1 base station (IP+PSTN)
- o 2 standard AAA batteries (NiHM)
- o 2 power supply units /base and handset charger)
- o 1 telephone cord
- o 1 Ethernet cable
- o 1 user manual

Color

- o Piano Black

Market introduction

- o Market launch from August 2008