

Gigaset A580 IP

„Convenient IP-Telephony through affordable hybrid PC-off solution”

USP:

- PC-off convenience

Key Benefits:

- 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



Interface:	a/b (analogue), IP/Ethernet
Operation:	PSTN/PBX
Standards:	DECT, GAP, F-SMS, DHCP, SIP, RTP, STUN
Configuration:	connection of 1 external PSTN line + 2 external IP lines simultaneously (multiline: up to 6 SIP accounts)
System:	cordless telephone for up to 6 handsets, multicell for up to 4 base stations

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 service:
 - o free of charge calls between Gigaset VoIP phones
 - o zero configuration
- o Gigaset.net phonebook with long press of the off-hook key
- o Public Phone Book Search: online net directory Yellow Page Search (availability is country specific / on request)
- o Info screensaver: e.g. RSS feeds and weather forecast 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 service: 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)
- 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 soft key)

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

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: incoming calls, outgoing calls, missed calls 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 connecting) with correction possibility
- o Redialing of the 10 last different numbers
- o User-programmable speed-dial shortcuts using keys 0, 2-9
- o Dialing: DTMF, Pulse, Flash (programmable)
- o Support of local area codes
- o Automatic prefix dialing or provider selection
- o Time programmable recall

Receiving Calls

- o Caller indication displayed via CLIP and CNIP²⁾
- o Selectable ringer melodies
 - 5 polyphonic (16 voices, for handset only)
 - 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 calls list by dedicated, illuminated message key
- o List showing up to 30 missed calls saving calls with caller indication (CLIP / CNIP - base station required) and time²⁾
- o Direct dialing out of the missed calls 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
- o Internal antennas

Features with more than one handset

- o 2 internet and 1 fixed-line call in parallel (VoIP and PSTN) and additional 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 of fixed line call/2 internal participants each + AM access)

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)

In idle

- o Display of date and time
- o Display of state 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 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)

ECO DECT

- o Up to 60% less energy consumption³⁾ thanks to an energy-saving power supply
- o Reduction of transmitting power to almost zero when handset is docked (with only 1 registered handset)
- o ECO Mode - manual reduction of transmitting power by 80%⁴⁾
- o ECO Mode Plus⁵⁾ for 100% reduction of transmitting power of base station and all registered handsets
- o Variable reduction of transmitting power according to distance between handset and base station

Optional Accessories

- o Gigaset Repeater for range extension (*Not currently available in Australia/New Zealand*)
- o Up to 6 Gigaset handsets

Technical data

Handset

- o Standby time: up to 210 hours
- o Talk time: up to 25 hours
- o Battery: 2 x AAA (NiHM), 650mAh
- o Charging time: 7 hours
- o Indoor range: up to 50 meters
- o Outdoor range: up to 300 meters
- o Dimensions H x W x D / weight
Handset: 148mm x 49mm x 29mm / 105g

Base Station

- o Power-saving 230 V switch-mode power supply
- o Paging key on front of base station
- o Speaker for ringer output
- o Connection of up to 6 handsets
- o Dimensions H x W x D / weight
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), 650 mAh
- o 1 power supply unit
- o 1 telephone cord
- o 1 ethernet cable
- o 1 user manual

Color

piano black