

## Gigaset C470IP/C475IP M1 Datasheet

### VoIP and Messaging with a pleasing touch

**Interface:** a/b (analogue) , IP/Ethernet  
**Operation:** PSTN / PBX  
**Standards:** DECT, GAP, F-SMS,  
 SIP, RTP, DHCP, STUN

**Colour:** Black and silver

#### 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



## Main Features

#### General

- Slim, modern design with Stand alone base station
- Plug & Play
- Date and time functions are protected against power failure (date/time: with NTP synchronised)
- Hybrid calls: PSTN and VoIP
- Comfortable menu with colored icons and text for easy use in 20 languages (partly available)

#### ECO DECT

- Handset reduces the transmit power automatically depending on the distance to the base
- Reduction of the radio signal of the base settable by user
- Up to 60% less electricity consumption in comparison with conventional power supplies by switched mode power supply

#### Handset-Display

- Illuminated 6 line graphical color handset display (128x128 pixel, 4096 colors)

#### Standby

- Display of digital clock or color picture as screensaver (4 selectable and settable by user)

#### In Idle

- Date and time, state of charging and field intensity, handset name displayed
- Text for softkeys shown

#### During Connection

- Display of call duration

#### Handsfree Speaking / Headset / Earpiece

- Enhanced handsfree speaking with superior sound quality, separate speaker activated by illuminated Handsfree-key, volume adjustable (5 volume steps)
- Headset connection (mono) via 2,5mm jack connector (headset not included)
- Adjustable handset earpiece volume (3 levels)

#### Melodies

- 5 polyphonic sounds and 10 melodies
- 5 loudness levels + off + crescendo
- Selectable internal call melody

#### Dialing

- Bigger dialing font
- Default setting of outgoing line (VoIP/PSTN), over writable with long press of off-hook key
- Dialing plan: up to 30 dialing rules (call number, beginning of call number, connection type, PSTN, number blocking)
- Suffix dialing: For cost reductions an account Suffix can be attached to the dial string.
- Dial preparation with correction possibility
- Redialing list for up to 20 different numbers
- Speed-Dialing using keys 2 – 9, 0 (shortcut)
- Automatic prefix dialing of network provider

#### Receiving Calls

- CLIP and CNIP displayed <sup>1) 2)</sup>
- Display and handsfree key lighted
- Ringer animation in display

#### Missed calls

- Illuminated MWI-key signaling new messages with comfortable access to message list
- Call log list or Missed call list saving calls with CLIP / CNIP (approx. 30 entries, base required, factory setting) <sup>1)</sup>
- Missed call notification via SMS to external number <sup>1) 2)</sup>

#### Directory

- Directory with up to 150 numbers and names;
- VIP-entries (a specific melody can be assigned to each directory entry)

#### SMS & Email <sup>1) 2)</sup>

- Automatic SMS registration
- Sending/receiving of SMS with up to 612 digits
- Storage of up to 30 SMS with 90 digits
- Up to 4 personalized SMS-Inboxes <sup>2)</sup>
- Comfortable access to SMS-Services (info-channels) <sup>2)</sup>
- Transmission of e-mails via SMS <sup>1) 2)</sup>
- Copy of telephone numbers from SMS to directory
- V-Card support: name and number can be taken

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## Additional features

- Alarm clock functionality with snooze function
- Keypad lock; protection from unintentional usage
- Baby-Alarm / room monitoring
- Editable internal handset name
- Support of Netprovider features via menu 1) 2)

## Features with more than 1 handset (Intercom)

- 2 VoIP and 1 PSTN Call simultaneously (+ 1 internal call or AM access simultaneously)
- 2 VoIP calls simultaneously (+ 1 internal call or AM access simultaneously)
- Collective internal call
- Transfer of external calls to another handset with prior consultation call or recall
- VoIP resp. PSTN 3 party conference (1 external/ 2 internal participants)
- Two 3-party-conferences simultaneously (1 external VoIP or PSTN/2 internal participants each + AM access)
- Directory transfer between handsets (base required)

## IP Net Features

- Multiline with up to 6 SIP accounts:
  - Configure up to 6 SIP accounts from different providers
  - Assign accounts individually to handsets (send & receive direction specifically)
- Ethernet (IEEE 802.3)
- VoIP support (embedded SIP VoIP, G711, G722 in base station, G726, G729AB)
- Easy selection of provider profiles from HS
- Configuration of system via WEB Server
- Configuration of provider profiles via WEB Server
- Firmware Update directly from handset, without file handling
- Quality of service\*: ToS, Diffserv (dependent on country, network and provider)
- DHCP client
- Operation behind router providing LAN connection
- VoIP supplementary services (device controlled): conference, hold/toggle, call forwarding
- Public Phone Book Search (availability is country specific / on request)
- Gigaset.net VoIP service:
  - free of charge calls between Gigaset VoIP phones
  - zero configuration
  - Gigaset.net phonebook
- Autoprovisioning via MAC Address for autoconfiguration including SIP username and password (availability on request)

## Email notification/subject/header

- Direct access to POP3 accounts without PC
- Email content reading on PC
- New Emails signaled by illuminated MWI-key with comfortable access to message list: Information about sender, time & date, subject

## Instant messaging

- Messenger client, based on XMPP-protocol
  - links common Messaging services (MSN, Yahoo, ICQ, AOL...) by Jabber Server with corresponding transport service
- Buddy list with presence status:
  - up to 20 buddies
  - visual indication of presence states: Online, Other, Offline
  - Set own presence status
- Send and receive instant messages
- Illuminated MWI-key signaling new instant messages
- Call buddies

## Features of the integrated answering machine

- Digital recording of voice messages with up to ca. 30 minutes recording time
- Via PIN-protected remote playback (4 digits) from extern
- User guidance via handset Prompts via announcements
- Predefined announcement (plug & play)
  - 1 Individual announcement and
  - 1 advisory announcement (170 Sec.) recordable by user
- Phrase prompts in country specific language (factory settings per country version)
- Time-controlled change between announcement and advisory message
- Display of new messages at the handset
- Live recording of a telephone call
- Call screening at handset
- Date and Time are announced
- Recording time adjustable: unlimited, 60, 120, 180 seconds
- Call acceptance adjustable: immediately, automatic, after 10, 18, 30 Sec.
- Recordings have unlimited protection against power failure

- 1) Country / customer specific
- 2) Provider dependant

### Handset

- Standby-time: up to 300 hours
- Talk time: up to 12 hours
- Battery: 2 x NiMH (AAA)
- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters
- Dimensions: Length 28 mm  
Width 48 mm  
Height 146 mm

### Base station

- Power supply: 230 V plug-in power supply
- Paging key on front of base
- Connection of up to 6 handsets
- Dimensions: 157x107x46mm

### Package contents

- 1 Handset
- 1 Handset charger
- 1 Belt clip
- 1 Standalone base station(IP+PSTN)
- 2 AAA batteries
- 2 Power supply units (base and handset charger)
- 1 Telephone cord
- 1 Ethernet cable
- 1 User manual

### Market entry

- Market entry first retail version October 2007



# Gigaset

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History of Changes

Version	Date	Author(s)	Remarks
1.0	26.06.2006	Gisèle D'Hooore	Document created
1.1	27.06.2006	Gisèle D'Hooore	Feedback A. Kruk > Update
1.2.	02.11.2006	Gisèle D'Hooore	Update Multibase: No Multicell!!!! Update Multiline: up to 6 SIP accounts Update redialing list: 20 entries instead of 10 Update OPCAP: same features like Oslo-US Update Standby: 150h instead of 170h Update Talktime: 10h instead of 13h Email/Instant messaging: Update according to S450IP datasheet Gigaset.net VoIP service added
1.3.	24.01.2007	Gisèle D'Hooore	Check against datasheet C470/C475 (Datasheet_C470_C475_V1.5_151206.doc) Added ECO DECT Connection of 1 external PSTN line + 2 external IP lines simultaneously Features with more than 1 handset: update 3 calls simultaneously Recording time adjustable: unlimited, 60 , 120, 180 seconds instead of unlimited, 30 , 60 , 120 seconds
1.4.	14.03.2007	Gisèle D'Hooore	- Updated ECO DECT: reduction of the radio signal of the base settable by user - Added: codec G722 (base station) - 4 Screensaver - AM call acceptancer after 10, 18, 30 - talk time up to 12 hours (R-Team Venus ANLG 28.02.07) - standby-time: up to 300 hours (R-Team Venus ANLG 28.02.07) - added: Bigger dialing font (22pt)