

Gigaset S685IP M3 Datasheet

"Comfortable IP telephony in enhanced speech quality"

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

Colour: bicolour: silver and black

Configuration

- o Connection of 1 external PSTN line + 2 external IP lines simultaneously (Multiline: up to 6 SIP accounts)
- o Up to 6 handsets can be registered at the base station
- o Multicell for up to 4 base stations* (*VoIP: Dependent on provider)

Main Features

General

- o Slim, modern handset design
- o Stand alone base station
- o Plug & Play (the unit can be used without special installation - unpack the phone, connect the phone and conduct a call)
- o Internal antennas
- o Date and time functions are protected against power failure (date/time: with NTP synchronised)
- o Hybrid calls: PSTN and VoIP

Menu

- o Comfortable menu for easy use in 20 languages (partly available)
- o Icon based grid menu on 1st layer, list style on following layers

Handset-Display

- o Illuminated 8 line graphical display, 128*160 pixel, brilliant Color (65k color)

Standby

- o Display of digital clock or color picture as screensaver (8 choices, settable by user)
- o Info screensaver (e.g. weather, RSS feeds) ³

In Idle

- o Date and time, state of charging and signal strength, handset name displayed
- o Softkeys for prompt executing of functions

During Connection

- o Display of call duration

Keypad of handset (selection)

- o Illuminated MWI and hands free talking key (red)
- o Illuminated keypad including navigation area (amber)
- o Keypad lock by long press on key '#' (idle)
- o Free programmable softkey



Acoustics

- o **High Definition Sound Quality** (Wideband Voice support) Handsfree Speaking / Headset / Earpiece

- o High-performance handsfree speaking with superior sound quality, activated by illuminated Handsfree-key, volume adjustable (5 volume steps)
- o Headset connection - mono 2,5mm (headset not included)
- o Adjustable handset earpiece volume (3 levels)
- o Hearing aide compatible (not Argentina)

Melodies

- o Ringtone
 - Polyphonic ringtone melodies (16 chords): 20 predefined
 - Standard ringtone melodies: 10 predefined
 - Volume adjustable in 4 steps plus crescendo
- o Selectable internal call melody

Dialing

- o Default setting of outgoing line (VoIP/PSTN), over writable with long press of off-hook key
- o Dialing plan: up to 30 dialing rules (call number, beginning of call number, connection type, PSTN, number blocking)
- o Suffix dialing: For cost reductions an account Suffix can be attached to the dial string.
- o Dial preparation with correction possibility
- o Redialing of 10 last different dialing numbers
- o Automatic number redialing
- o Speed dialing via keys 2 – 9. Quick setting by long press in talk situation.
- o Automatic prefix dialing of network provider
- o Special button for call by call list
- o Full Intercom functionality (internal calls + Barge-In)

Receiving Calls

- o Caller indication by CLIP/CNIP
- o Picture clip for individual callers or VIP groups (10 pictures pre-stored)

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)

Directory/Address book

- ⊖ Address book with 250 vCard entries, each containing 7 fields - name, surname, 3 numbers, e-mail and anniversary
- Anniversary day and time can be stored for each directory entry (vCard). Assign individual ring tone melody and picture for picture clip
- VIP-entries (a specific melody and predefined picture can be assigned to each directory entry)

SMS-functionality

- Automatic SMS registration
- Sending and receiving of SMS with up to 640 characters (concatenation of up to 4 SMS)^{1,2}
- Storage of up to 30 SMS with 90 digits
- Transmission of e-mails via SMS^{1,2} (separate directory for E-Mail-Addresses)
- Copy of telephone numbers from SMS to directory
- 1 common + 3 personalized SMS-inboxes
- Provider specific SMS information services
- SMS protocol 1
- Easy Text-Input-Method to help writing SMS (EATONI)

Additional features

- Baby-Alarm / room monitoring
- Calendar with month view, visualization, administration of events and anniversaries
- Event-Scheduler / anniversary: in total up to 30 events can be stored with text
 - user can select type from list or edit title
 - melody for signaling settable
 - signaling with type related icon
- Alarm clock functionality with snooze function
 - set occurrence Monday-Friday or. daily
- Keypad lock; protection from unintentional usage
- Editable internal handset name

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)

Personalization

- Editable internal handset names
- Select screensaver/idle picture (from 8 preloaded, thereof 1 is a big digital clock)
- Assign picture and ringtone for individual phonebook entries and for VIP Group

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, 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
- Online Phone Book :^{1,3}
 - Search in Public Directory & Yellow Pages
 - Reverse search functionality (i.e. search by number)
 - Auto-Lookup functionality (i.e. display of caller's ID)
 - Country specific providers selectable via web-interface
- Gigaset.net VoIP service:
 - free of charge calls between Gigaset VoIP phones
 - zero configuration
 - Gigaset.net directory
- Info services as screensaver (e.g. weather, RSS feeds)³
- Autoprovisioning via MAC Address or code for auto configuration including SIP username and password (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

* service provider specific

¹⁾ Customer / country specific

²⁾ Provider dependant

³⁾ The provider/supplier reserves the right of modification

Technical data

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

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

Fixed Net Operator (Netprovider) Features

- Bluetooth version available on request
- Support of Netprovider features (by the use of R-button, *-button and #-button)
- Netprovider key (reuse of Retail version's Call-by-call-list key)

Connectivity with Bluetooth

- Data transfer with **Gigaset QuickSync software** between Handset and PC (e.g. Bluetooth dongle)
 - Transfer of directory entries from Microsoft Outlook
 - Download of pictures
 - Further content administration within the resource directory
- Connection to Bluetooth headset (Headset profile)
- vCard transfer to mobile phones via Bluetooth

Handset

- Standby-time: up to 180 hours
- Talk time: up to 10 hours
- Using wideband can affect the stated Standby & Talk Time
- Battery: 2 x NiMH AAA
- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters
- Dimensions
 - Handset: 143x50x28mm
 - Charger: 67x77x29mm

Base station

- Switch mode power supply: 230 V (considerably reduced electricity consumption)
- Paging key on front of base
- Dimensions: 157x107x46mm

Package contents

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

Life cycle

- Market entry: 03/2008

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