SIEMENS

Gigaset S450 IP

Versatile cordless VoIP phone with comprehensive

messaging features

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

Configuration
- Connection of 1 external PSTN line + 1 LAN
  (up to 4 SIP accounts)
- Up to 6 handsets can be registered
- Multibase for up to 4 base stations

Main Features

Design
- Slim, modern design
- Illuminated color display and keypad
- Colours:
    - Platinum (dark silver)
    - Titanium (light silver)

Easy to use
- Plug and play
- Comfortable menu for easy use
  in 19 languages (partly available)
- Illuminated MWI, Handsfree key

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

In Idle
- Date and Time displayed
  (buffered in case of power loss)
- Display of color screensaver (or time)
- State of charging and field intensity displayed

During Connection
- Display of call duration

Directory
- Directory with up to 150 numbers and names;
  VIP-entries, a specific melody can be assigned
  to each directory entry
- Load contacts from PC (MS Outlook) via web
  configuration software

Handsfree Speaking / Headset
- Full-duplex handsfree-speaking in handset
  (5 volume steps)
- (Mono) Headset connection via 2,5mm jack
  connector (headset not included)

Dialing
- Dial preparation with correction possibility by
  entering the phone number before connecting the
  line
- Convenient selection of outgoing line
  (VoIP or PSTN):
    - line keys VoIP and PSTN as display keys
    - short- / longpress of off-hook key
- Redialing list for up to 20 different numbers; start
  via send button.
- Speed-Dialing using keys 2 – 9, 0 (shortcut)
  e.g. call by call
- Automatic prefix dialing of network provider
- Dial mode: tone, pulse
- Redial key (Flash time adjustable)

Personalization
- 5 polyphonic sounds
- 10 standard melodies
- 5 loudness levels + off + crescendo
- Adjustable handset volume (3 levels)
- Individual internal call melody
- Editable internal handset name and base name

Calls list
- Caller list for approx. 30 entries; adjustable
  - missed calls
  - all incoming calls / call-log
- Illuminated MWI-key signaling new messages
  (SMS, Email) with comfortable access to message
  list
- Missed call notification via SMS to external
  number
- Automatic return call by SMS triggered

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Additional features

- Birthday notification to every directory entry
- Alarm clock functionality
- 5 Appointments can be stored with texts in handset
- Room monitoring
- OPCAP- protocol for the operation of DECT modules

SMS

- Automatic SMS registration
- Sending and receiving of SMS with up to 640 characters
  (concatenation of 4 SMS, provider dependent)
- Easy Text-Input-Method to help writing SMS (EATONI)
- Storage of up to 30 SMS with 90 digits
- Up to 3 personalized SMS-Inboxes (provider dependent)
- Comfortable access to SMS-Services (info-channels) (provider dependent)
- Transmission of e-mails via SMS (provider dependent)
- Copy of telephone numbers from SMS to phonebook
- Support of extended objects like V-card

Features with more than 1 handset

- 2 calls simultaneously:
  - 2 VoIP calls *or*
  - 1 VoIP & 1 PSTN *or*
  - 1 external & 1 internal call
- Transfer of external calls to another handset with/without prior consultation call and -if necessary- recall
- Collective internal call in case of incoming external calls
- 3 party conference (1 external/2 internal participants)
- VoIP call conference
- Directory transfer between handsets

Fixed Net Operator (Netprovider) Features

- Support of Netprovider features
  (by the use of R-button, *-button and #-button)*

Internet telephony (VoIP)

- VoIP support (embedded SIP VoIP)
- SIP accounts (VoIP numbers):
  - Configure up to 4 SIP accounts from one provider
  - Assign accounts individually to handsets (send & receive direction specifically)
- Perform up to 2 VoIP calls in parallel
- Easy setup by handset, no PC needed:
  Download of prepared SIP provider setting profiles
- Advanced setup by web configuration software
- Firmware Update directly from handset, without file handling
- Operation behind router / modem, providing LAN connection. No PC needed for operation.
- DHCP client
- Codecs: G711, G726, G729AB with VAD/CNG
- Quality of Service: ToS, Diffserv*
- Emergency number routing to PSTN
- Automatic city code prefix dialing
- VoIP supplementary services (device controlled): conference, hold/toggle, call forwarding

E-Mail

- Direct access to POP3 accounts without PC
- New E-Mails 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 gateways
- 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

* dependent on country, network or provider

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Technical data

Handset

- Standby time: up to 110h
- Talk time: up to 13h
- Indoor range: up to 50m
- Outdoor range: up to 300 m
- Battery: NiMH batteries (AAA)
- Dimensions (L x W x H):144 x 52 x 27 mm

Base station

- Power supply: 230 V plug-in power supply
- Paging key with status LED
- Connection of 1 external PSTN line
- Ethernet connection (IEEE 802.3)
- Link up to 6 handsets
- Wall mountable

Package contents

- Gigaset Handset and Charger
- 2 x NiMH batteries (AAA)
- 1 Belt clip
- Base station
- 1 Telephone cord
- 1 Ethernet cable
- 2 Power supply units
  (base and handset charger)

Manual

- User guide (short version)
- User guide (full version): for download only

Availability

- October 2006

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