

# Gigaset

## Gigaset E490/ E495

„The robust phone for the tough situations of every day life“

### USP:

- Watersplash, shock and dust resistance (IP54)

Interface: a/b (analogue)

Implementation: HA/PBX

Standards: DECT, GAP

Configuration: connection of 1 external line

System: cordless telephone for up to 6 handsets

### Sound quality

- o HSP™ (High Sound Performance™)
- o Handsfree talking with brilliant sound quality – activated by illuminated handsfree key
- o Adjustable volume of handset sound (3 levels for handset earpiece volume and 5 levels in handsfree mode)
- o Ringer melodies with 5-tone adjustable volume settings and on/off function via \* key (long press)
- o Separate Speaker
- o Headset connection (mono) via 2,5mm jack connector (headset not included)

### 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 12 hours
- o Standby time: up to 250 hours

#### Phonebook and dialing

- o Phonebook for up to 150 names and numbers
- o VIP-entries (a specific melody can be assigned to each directory entry)
- o Bigger dialing font (22pt)
- o Dial preparation (input of phone numbers before connecting) with correction possibility
- o Redialing of the 20 last different numbers, start via send button
- o User-programmable speed-dial shortcuts using keys 2-9, 0
- o Dialing: DTMF, Pulse, Flash (programmable)
- o Automatic prefix dialing or provider selection



### Key Benefits:

- Resistant to shocks, dust and water splashes
- Advanced handsfree talking in brilliant sound quality
- Vibracall

### Receiving Calls

- o Caller indication displayed via CLIP and CNIP displayed<sup>2)</sup>
- o Selectable ringer melodies
  - 10 polyphonic (for handset only)
  - 5 standard melodies
  - 5 loudness levels + off + crescendo
- o Individual ringer melody for internal calls in handset via handsfree speaker

### Missed Calls

- o Comfortable access to missed calls list by dedicated, illuminated MWI-key
- o List showing up to 30 missed calls saving calls with caller indication (CLIP / CNIP - base station required) and time<sup>2)</sup>
- o Missed call notification via SMS to external number<sup>2)</sup>

### General additional features

- o Plug & Play (unpack, connect the phone and conduct a call)
- o Vibration call
- o Modern handset design and stand alone base station
- o Separate charger
- o Alarm clock with
  - selectable ringer melody
  - snooze function
  - clock synchronization using CLIP information (country specific feature)<sup>2)</sup>
- o Baby-Alarm / room monitoring
- o Date and time functions are protected against power failure
- o Editable internal handset name
- o Support of Netprovider features via menu<sup>2)</sup>
- o Base unit and charger wall mountable
- o Splash- dust and shock resistant ( approved to IP54 )
- o Internal antennas

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## Display and menu features

### Display

- o Illuminated graphical color display (128x128 pixel, 6 lines, 65k color)
- o Display illumination: amber

### Standby

- o Display of time or color picture as screensaver (selectable and settable by user)

### In idle

- o Display of date and time
- o Display of state of battery life in different colors 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 19 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 12 numeric keys plus 9 function
- o 4 way Navkey
- 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)

## Messaging functions (SMS)<sup>2)</sup>

- o Easy SMS setup including registration
- o Sending/receiving of SMS with up to 612 characters<sup>2)</sup>
- o Storage of 30 SMS with 90 digits
- o Up to 4 personalized SMS-Inboxes<sup>2)</sup>
- o Comfortable access to SMS-Services (info-channels)<sup>2)</sup>
- o Transmission of e-mails via SMS<sup>2)</sup>
- o Copy of telephone numbers from SMS to directory
- o V-Card support: name and number can be taken over to directory (like Gigaset S450/S455)

## ECO DECT

- o Up to 60% less energy consumption<sup>3)</sup> 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%<sup>4)</sup>
- o ECO Mode Plus<sup>5)</sup> 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

## Accessories

- o Headset via 2,5mm jack connector
- o Gigaset Home Control (GHC) - protocol for the operation of DECT modules

## Features with more than one handset

- o Free internal calls between handsets
- o 2 calls simultaneously (1 external, 1 internal)
- 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 3 party conference (1 external / 2 internal participants) via internal recall or call-waiting
- o Collective ringing on incoming external calls

## Answering machine features

- o Integrated answering machine with up to 45 minutes recording time<sup>1)</sup>
- o Simple usage via handset
- o User defined and predefined announcement (1 Individual announcement and 1 advisory announcement (170 Sec.))
- o Time-controlled change between announcement and advisory message
- o Announcement of date and time for each message by voice<sup>2)</sup>
- o Recording time adjustable: unlimited, 1/ 2/ 3 minutes
- o Call acceptance adjustable: immediately, automatic, after 10, 20, 30 Sec.
- o Display of new messages at the handset
- o New message notification via SMS to external number containing CLIP, date, time<sup>2)</sup>
- o Remote listening of messages via
  - PIN-protected remote playback
  - SMS initiated call-back from AM<sup>2)</sup>
- o Live recording of a telephone call
- o Recordings have unlimited protection against power failure

## Fixed net operator features

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

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## Technical data

### Handset

- o Standby time: up to 250 hours
- o Talk time: up to 12 hours
- o Battery: 2 x AAA (NiHM)
- o Charging time: < 8h
- o Indoor range: up to 50 meters
- o Outdoor range: up to 300 meters
- o Dimensions H x W x D/ weight  
Handset: 151mm x 53mm x 28mm / 112g

### Base Station

- o Power-saving 230 V switch-mode power supply
- o Charging cradle in base station
- o Wall mountable
- o Paging key on front of base station
- o Operation of AM through keys on AM base
- o Connection of 1 external line
- o Connection of up to 6 handsets
- o Dimensions H x W x D /weight  
Base station 110mm x 139mm x 40mm / 119g

### External charger (for Duos/Trios only)

- o Dimensions H x W x D / weight  
Charger: 39mm x 79mm x 94mm / 45g

### Package contents

- o 1 handset
- o 1 stand alone base station
- o 1 belt clip
- o 2 standard AAA batteries (NiHM)
- o 1 power supply unit
- o 1 telephone cord
- o 1 user manual
- o 1 charger

### Color

- o bicoloured/grey

### Market Introduction

- o Market launch in February 2009 (Germany)

- 1) Depending on recording quality selected by user
- 2) Dependend on country / Network / Service Provider
- 3) Compared to conventional Gigaset Cordless Phones
- 4) In comparison to when ECO Mode and ECO Mode+ are not activated and to our conventional cordless phones
- 5) If all registered handsets support ECO Mode plus

## Author

Name: Huhn, Michael  
Org.: GC PM V  
Tel.: +49-89-722-23407  
E-Mail: michaelhuhn@siemens.com

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## History of Changes

Version	Date	Author(s)	Remake
1.0	19.09.2008	Radim Gendler	Transformation into new datasheet structure and new wordings
2.2	14.10.2008	Michael Huhn	Format adaptation
2.3	24.11.2008	Michael Huhn	Hearing Aid Compatible (HAC) deleted (in special countries only)
2.4	09.12.2008	Michael Huhn	Change of Company name
2.5	09.12.2008	Michael Huhn	Standby- and operating time adapted
3.0	10.12.2008	Michael Huhn	Weight of components added
3.1	11.12.2008	Michael Huhn	Screensaver feature modified