Gigaset professional and OpenStage Mobile

Cordless phones for HiPath and OpenScape systems.

Alongside the system-specific desktop telephones, it is also possible to operate cordless phones with HiPath and OpenScape systems. These cordless phones ensure that your employees can be reached at all times and at any location on your company premises.

Gigaset S400 professional system

The Gigaset S400 professional system is a phone system based on the DECT standard for connection to the analog port of the following HiPath systems:

- HiPath 4000 from V4
- HiPath 3000 from V7
- HiPath 500 from V8
- OpenScape Business from V1

Gigaset S400 professional is designed as a desktop device with a cradle for the Gigaset S4 professional handset. Excellent voice quality and high immunity to eavesdropping are prominent features of this system.

Features when operating several handsets

- ECO DECT Mode
- Log on of up to six handsets possible
- Multiple handset logons on up to four base stations
- Ergonomic design; storage option for the Gigaset S4 professional handset in the base station
- Free calls between handsets using the Internet
- External calling with another handset

- Maximum 2 parallel calls (one internal/one external call)
- Direct call transfer is possible between the handsets
- Direct call transfer
- Calls can be transferred from one handset to another handset (external call transfer with consultation option)
- Ringer function between base station and handset or handsets (paging to find the misplaced handset, for example)
- Charging of Gigaset S4 professional in the base station cradle

Technical data

- Encryption/decryption based on the DECT standard, DECT (Digital Enhanced Cordless Telecommunications), the international standard for digital, cordless telecommunication
- Frequency range 10 carrier frequencies in the 1880 - 1900 MHz frequency band
- Technology Through time-division multiplexing (TDMA), formation of 12 duplex channels for each carrier frequency
- Channels 120 duplex channels for transmitting voice and data
- Transmission capacity per channel 32 kbps user information
- Speech coding Speech digitalized and compressed as per ADPCM

- Coverage: In the open: up to 300 m In buildings: up to 50 m
- Color: midnight blue
- Base station dimensions Dimensions (H × W × D) in mm: 61 × 116 × 101
- Operating temperature: +5 °C to +45 °C

Scope of delivery

- 1 Gigaset S400 professional base station
- 1 Gigaset S4 professional handset

Expanded configurations

- Gigaset S4 professional
- OpenStage SL4 professional
- OpenStage M3
- OpenStage M3 Plus
- OpenStage M3 Ex
- OpenStage M3 Ex Plus

Gigaset S4 professional handset

The Gigaset S4 professional is an elegant DECT cordless telephone with outstanding features. It is distinguished by the high quality handset with a dialing pad made of silver and a large 1.8" TFT color display with optimum user guidance. The scope of service is comparable to corded system terminals.

Equipment

- Suitable for HPS
  (HiPath Positioning System)
- Illuminated keypad including
  Navigation area,
  Hands-free key,
  Message waiting key,
  5-way navigation key,
  Keypad lock on/off,
  Programmable display key,
  Separate microphone mute key,
  R (Flash) key,
  2-way side keys for simple volume adjustment during a call
- Illuminated TFT graphic display
  26 display languages
- Display in idle state
- Media pool
  Monophonic ring tones (sounds),
  Polyphonic melodies (sounds),
  Screensaver images
- Telephone bookUp to 500 entries for all directories,
  Speed dial,
  Administration via PC,
  Telephone book data backup/loading
  Access to :
  LDAP telephone database
  (HiPath Cordless Office),
  HiPath Manager
  (HiPath Cordless Enterprise)
- Messages signaling
- Calls signaling
  Visual/acoustic call signaling,
  Display of the call number or the name,
  Differentiation internal/external calls,
  Ring tones and melodies 5 standard ring tones 15 polyphonic melodies,
  VIP signaling for internal and external calls

- Handset lock with 4-digit PIN
- Headset connection
  Corded: 2.5 mm post,
  Cordless: Bluetooth V2.1
- PC interface
  Bluetooth,
  Mini USB
- PC application
  Phone book synchronization,
  Loading of screensavers,
  CLIP images and melodies

Mobility features

- Multi-cell capability
  Roaming,
  Seamless handover,
  Bearer handover,
  Shown on the display when leaving the mobile network
- Security
  Encrypted voice transmission,
  Secure system login
- Multi-DECT system capability
  Parallel logon to up to 4 DECT systems is possible

Telephone functions

- Accept/reject call (HiPath Cordless Office)
- Quick access to functions and numbers via programmable keys
- Manual redial list with the last 20 numbers
- Automatic redial
- Full duplex hands-free talking
- System speed dial, central and individual
- Speaker call (HiPath Cordless Enterprise only)

Technical data

Handset

- Encryption/decryption in accordance with the DECT standard
- Power supply: 2 NiMH AAA

Weight

- Handset incl. battery: approx. 125 g

Color

- Silver

Dimensions (H × W × D in mm)

- Handset: 146 x 49 x 26
- Charging unit: 39 x 87 x 83

OpenStage SL4 professional handset

OpenStage SL4 professional is the smallest and lightest DECT mobile phone in the portfolio. With its high end functions and design, it meets the most stringent requirements and is the perfect device for many workstations. The scope of features is comparable to that of system-specific table-top phones.

Equipment

- Suitable for HPS
  (HiPath Positioning System)
- Illuminated keypad including navigation area,
  Hands-free key,
  Message Waiting key,
  5-way navigation key,
  Keypad lock on/off,
  Programmable display key,
  Separate microphone mute key,
  R (Flash) key,
  Silent alarm (vibration)
- Illuminated TFT graphic display
  26 display languages
- Display in idle state
- Media pool
  Monophonic ring tones (sounds),
  Polyphonic melodies (sounds),
  Screensaver images
- Telephone book
  Up to 500 entries for all directories,
  Speed dial,
  Administration via PC,
  Telephone book data backup/loading
  Access to :
  LDAP telephone database
  (HiPath Cordless Office)
  HiPath Manager
  (HiPath Cordless Enterprise)
- Messages signaling
- Calls signaling
  Visual/acoustic call signaling,
  Display of the call number or the name,
  Differentiation internal/external calls,
  Ring tones and melodies 5 standard ring tones 15 polyphonic melodies,
  VIP signaling for internal and external calls

- Handset lock with 4-digit PIN
- Headset connection
  Corded: 2.5 mm post,
  Cordless: Bluetooth V2.1
- PC interface
  Bluetooth,
  Mini USB
- PC application
  Phone book synchronization,
  Loading of screensavers, CLIP images and melodies

Mobility features

- Multi-cell capability
  Roaming,
  Seamless handover,
  Bearer handover,
  Shown on the display when leaving the mobile network
- Security
  Encrypted voice transmission,
  Secure system login
- Multi-DECT system capability
  Parallel logon to up to 4 DECT systems is possible

Telephone functions

- Accept/reject call (HiPath Cordless Office)
- Quick access to functions and numbers via programmable keys
- Manual redial list with the last 20 numbers
- Automatic redial
- Full duplex hands-free talking
- System speed dial, central and individual
- Speaker call (HiPath Cordless Enterprise only)

Technical data

Handset

- Encryption/decryption in accordance with the DECT standard
- Power supply: lithium ion-battery

Weight

- Handset incl. battery: approx. 100 g

Color

- Silver

Dimensions (H × W × D in mm)

- Handset: 127 x 48 x 20
- Charging unit: 28 x 78 x 60

OpenStage M3 handsets

The OpenStage M3 DECT handsets are a family of devices designed to perform in harsh environments. The family comes with variants covering different alarm options as well as use in potentially explosive environments where moisture, dirt, shocks, dust or high ambient noises comprise communication quality. With its device protection class of IP65 it is suited perfectly for these scenarios.

The OpenStage M3 is ideal for industrial environments or vertical industries, including:

· Docks/airports

· Hospitals

· Shipping and logistics companies

The advanced alarm options connect personnel in security-critical areas where heightened supervision is needed, i.e. law enforcement, forensic institutions, power plants and industrial scenarios.

The OpenStage M3 Ex variants are ideal for potentially harsh and explosive environments, such as oil, gas and chemical production as well as other gas and dust-filled environments.

Equipment

· Housing protection class IP 65

· Shockproof and shatter-proof

· Silicon-free casing surface

· Interference suppression in accordance with EN 6100-6-2

· Operating temperature: -10 °C to +55 °C

· Acoustics optimized for industrial environment

· Alarm button and different optional alarm sensors

· Illuminated keypad and navigation area

· Suitable for HiPath Positioning System

· Illuminated 1.8" large TFT graphical display with brilliant color

· Headset connection

Handset models

The OpenStage M3 portfolio consists of 4 different models:

OpenStage M3

Integrated basic alarming functionality

OpenStage M3 Plus

Additional advanced alarming

OpenStage M3 Ex

Basic alarming functionality, suitable for potentially harsh or explosive environments

OpenStage M3 Ex Plus

Advanced alarming, suitable for potentially harsh or explosive environments

Features

· Excellent voice quality, even in noisy environments

· Convenient operation also in dimmed light

· Message notification via separate key

· Modern, cell phone-like, best-in-class user interface

· PC interface via Bluetooth or Mini-USB

· Large private phone book

· Integrated alarm clock and organizer functionality

· Configurable ringer and alarm tones

· Multi-cell capability (roaming and seamless handover)

Alarm features

Basic alarm features

- Alarm button with optional different behavior by long- and short press
- Alarm monitoring by an LED at the front of the handset
- Up to 3 preconfigured alarm numbers
- Automatic call with alarm
- Acoustic signalization (emergency signal) at alarm location
- Automatic alarm generation if handset is out of range/switched off or battery level is low
- Configurable key lock (including or excluding alarm button)
- Alarm configuration protected by a service PIN
- Localization of handset with alarm call

Advanced feature set

- All the basic alarm features
- No movement, man down, time, escape, technical, and pull cord alarm

- Each alarm type can use its own alarm number
- Configurable pre-alarms
- Advanced alarm scenarios with/without alarm server, e.g., OpenScape Alarm Response (OS-cAR)

Feature set for Ex handsets

Gas-filled environment

- Suitable for gas zone 1 explosive areas
- Ex approval for hazardous gas: II 2G Ex ib IIC T4 Gb

Dust-filled environment

- Suitable for dust zone 21 explosive areas
- Ex approval for hazardous dust: II 2D Ex tb IIIC T120°C Db
- Headset connector: Bluetooth only (2.5 mm jack sealed), complies with ATEX directive 94/9/EC

Technical data

Handset

- Encryption/decryption in accordance with the DECT standard
- Power supply: lithium ion-battery, 1000 mA
- Charging time: approx. 4 hours

Weight

- Handset incl. battery: approx. 166 g
- Charging unit: approx. 118 g

Color

- Handset: silver/black
- Charging unit: black

Dimensions (H × W × D in mm)

- Handset: 154 × 56 × 26
- Charging unit: 89,5 x 86 x 36

Equipment overview

Features	Gigaset S4 professional	OpenStage SL4 professional	OpenStage M3
Ex approval for hazardous gas: II 2G Ex ib IIC T4 Gb	–	–	M3 Ex / M3 Ex Plus
Ex approval for hazardous dust: II 2D Ex tb IIIC T120°C Db			
Alarm device for personal security	–	–	M3 / M3 Ex: Basic alarm features M3 Plus / M3 Ex Plus: Advanced alarming
Housing protection class	–	–	IP 65
Interference suppression in accordance with EN 6100-6-2	–	–	Yes
Operating temperature	+5 °C to +45 °C	+5 °C to +45 °C	-10 °C to +55 °C
Illuminated display	128 x 160 pixels 65k colors	128 x 128 pixels 65k colors	128 x 160 pixels 65k colors
Display languages	26	26	26
Illuminated keypad including navigation area	Yes	Yes	Yes
Navigation key	5-way with Centerclick	5-way with Centerclick	5-way with Centerclick
Hands-free key	Yes	Yes	Yes
MWI key	Yes	Yes	Yes
Keys can be programmed individually	Yes	Yes	Yes
Ringtones and melodies	5 standard ring tones 15 polyphonic melodies	5 standard ring tones 15 polyphonic melodies	5 standard ring tones 15 polyphonic melodies
Vibration ringer	–	Yes	Yes
Telephone book entries	approx. 500	approx. 500	approx. 500
Headset ports			
• Corded:	2.5 mm jack	2.5 mm jack	2.5 mm jack (M3 / M3 Plus)
• Cordless:	Bluetooth V2.1	Bluetooth V2.1	Bluetooth V2.1
PC interface			
• Corded:	Mini USB	Mini USB	Mini USB
• Cordless:	Bluetooth	Bluetooth	Bluetooth
Handset lock with 4-digit PIN	Yes	Yes	Yes
Power supply	2 NiMH AAA	Lithium-ion battery	Lithium-ion battery
Dimensions handset (H x W x D in mm)	146 x 49 x 26	127 x 48 x 20	154 × 56 × 26
Weight (handset incl. battery)	approx. 125 g	Approx. 100 g	Approx. 166 g

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