



OpenScape DECT mobile handsets

Cordless phones for HiPath and OpenScape systems.

In addition to 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.

OpenStage SL4 professional handset

OpenStage SL4 professional is the smallest and lightest DECT mobile phone in the portfolio. Due to 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

Enabled for HPS (HiPath Positioning System)

The HiPath Positioning System detects the location of DECT handsets (HiPath-/OpenScape Cordless Enterprise only).

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)

TFT graphic display

- 26 display languages
- Display in idle state
- Illuminated

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/restore
- Access to:
 - LDAP telephone database (HiPath-/OpenScape Cordless),
 - HiPath Manager (HiPath-/OpenScape Cordless Enterprise)

Message signaling

The message waiting key flashes if messages have been received.

Call signaling

- Visual/acoustic call signaling
- Display of the caller number or name
- Distinction between internal and external calls
- VIP signaling for internal and external calls

Ring tones and melodies

- 5 standard ring tones
- 15 polyphonic melodies

Headset connection

- Corded: 2.5 mm jack
- Cordless: Bluetooth V2.1

PC interface

- Bluetooth
- Mini USB

PC application

- Phone book synchronization
- Loading of screen savers, 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
- Handset lock with 4-digit PIN
- Secure system login

Multi-DECT system capability

Parallel logon to up to 4 DECT systems is possible.

Telephone functions

- Accept/reject call (HiPath-/OpenScape Cordless)
- 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-/OpenScape 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

OpenScape DECT Phone S5 handset

The OpenScape DECT Phone S5 handset is an elegant DECT cordless telephone with outstanding features. It is distinguished by the high quality handset with a silver-colored front panel and a large 1.8" TFT color display with optimum user guidance. The scope of service is comparable to corded system terminals.



Equipment

Enabled for HPS (HiPath Positioning System)

The HiPath Positioning System detects the location of DECT handsets (HiPath-/OpenScape Cordless Enterprise only).

Illuminated keypad including:

- Navigation area
- Combined accept call/hands-free key
- Message waiting key
- 5-way navigation key
- Keypad lock on/off
- Programmable display key
- Combined microphone transmit volume/mute key
- R (Flash) key
- 2-way rocker switch on the side for simple volume adjustment during a call

TFT graphic display

- 26 display languages
- Display in idle state
- Illuminated

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/restore
- Access to:
 - LDAP telephone database (HiPath-/OpenScape Cordless),
 - HiPath Manager (HiPath-/OpenScape Cordless Enterprise)

Message signaling

The message waiting key flashes if messages have been received.

Call signaling

- Visual/acoustic call signaling
- Display of the caller number or name
- Distinction between internal and external calls
- VIP signaling for internal and external calls

Ring tones and melodies

- 5 standard ring tones
- 21 polyphonic melodies

Headset connection

- corded: 2.5 mm jack
- cordless: Bluetooth V2.1

PC interface

- Bluetooth
- Mini USB

PC application

- Phone book synchronization
- Loading of screen savers, 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
- Handset lock with 4-digit PIN
- Secure system login

Multi-DECT system capability

Parallel logon to up to 4 DECT systems is possible.

Telephone functions

- Accept/reject call (HiPath-/OpenScape Cordless)
- 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-/OpenScape 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 x W x D in mm)

- Handset: 151 x 49 x 26
- Charging unit: 40 x 81 x 80

OpenScape DECT Phone S5 Base

OpenScape DECT Phone S5 Base is a phone system based on the DECT standard for connection to the analog ports of HiPath and OpenScape systems.

OpenScape DECT Phone S5 Base is designed as a desktop device with a cradle for the OpenScape DECT Phone S5 handset. Excellent voice quality and high immunity to eavesdropping are prominent features of this system.



- 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, e.g., to find the misplaced handset)
- Charging of OpenScape DECT Phone S5 in the base station cradle

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; cradle for the OpenScape DECT Phone S5 handset in the base station
- Free-of-charge internal call between two handsets
- One single external call by another handset
- Maximum 2 parallel calls (one internal/one external call)
- Direct call transfer is possible between the handsets
- Direct call transfer

Technical data

Encryption/decryption based on the DECT standard

DECT (Digital Enhanced Cordless Telecommunications) is 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

Voice coding

Voice digitalized and compressed as per ADPCM

Coverage

- Outdoor, up to 300 m
- Indoor, up to 50 m

Color

black

Base station dimensions (H × W × D in mm)

63 × 116 × 97

Operating temperature

+5 °C to +45 °C

Scope of delivery

- 1 OpenScape DECT Phone S5 Base base station
- 1 OpenScape DECT Phone S5 handset

Expanded configurations

- OpenScape DECT Phone S5
- OpenStage SL4 professional
- OpenStage M3
- OpenStage M3 Plus
- OpenStage M3 Ex
- OpenStage M3 Ex Plus

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 housing 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 extended emergency call options connect personnel in security-critical areas where increased supervision is required, i.e. law enforcement, mental hospitals, power plants and industrial scenarios.

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

Equipment

- Housing protection class IP 65
- Shockproof and shatter-proof
- Silicon-free housing surface
- Interference suppression in accordance with EN 6100-6-2
- Operating temperature: -10 °C to +55 °C (+14 °F to +131 °F)
- Acoustics optimized for industrial environment
- Emergency call key and different optional alarm sensors
- Illuminated keypad and navigation area
- Enabled for HiPath Positioning System
- Illuminated 1.8" TFT graphical display with brilliant colors
- Headset connection

Handset models

The OpenStage M3 portfolio consists of 4 different models:

OpenStage M3

Integrated basic emergency call functionality

OpenStage M3 Plus

Additional extended emergency call functionality

OpenStage M3 Ex

Basic emergency call functionality, suitable for potentially harsh or explosive environments

OpenStage M3 Ex Plus

Extended emergency call functionality, suitable for potentially harsh or explosive environments

Features

- Excellent voice quality, even in noisy environments
- Convenient operation also in weak light
- Message notification via separate key
- Modern, cell phone-like, best-in-class user interface
- PC interface via Bluetooth or Mini-USB
- Large personal phone book
- Integrated alarm clock and organizer functionality
- Configurable ringer and alarm tones
- Multi-cell capability (roaming and seamless handover)

Emergency call features

Basic emergency call features

- Emergency call key with optional different behavior by long- and short press
- Monitoring of emergency call feature by an LED at the front of the handset
- Up to 3 pre-configured emergency call numbers
- Automatic call to the emergency call center if alert is generated
- Acoustic signalization (emergency signal) at emergency location
- Automatic signalization if handset is out of range/switched off or battery level is low
- Configurable key lock (including or excluding emergency call key)
- Configuration of the emergency call feature is protected by a service PIN
- Optional localization of handsets in case of emergency call

Extended feature set

- All basic emergency call features
- Automatic alarm types
No movement, man down, time, escape, technical, and pull cord alarm



- Each alarm type can use its own emergency call number
- Configurable pre-alerts
- Extended emergency call scenarios with/without alarm server, e.g., OpenScape Alarm Response (OScAR)

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 × 86 × 36

Equipment overview

Features	OpenScape DECT Phone S5	OpenStage SL4 professional	OpenStage M3
Ex approval for hazardous gas: II 2G Ex ib IIC T4 Gb Ex approval for hazardous dust: II 2D Ex tb IIIC T120°C Db	–	–	M3 Ex / M3 Ex Plus
Alarm device for personal security	–	–	M3 / M3 Ex: Basic emergency call functionality M3 Plus / M3 Ex Plus: Extended emergency call functionality
Housing protection class	–	–	IP 65
Interference suppression in accordance with EN 6100-6-2	–	–	yes
Operating temperature	+5 °C to +45 °C (+41 °F to +113 °F)	+5 °C to +45 °C (+41 °F to +113 °F)	-10 °C to +55 °C (+14 °F to +131 °F)
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 21 polyphonic melodies	5 standard ring tones 15 polyphonic melodies	5 standard ring tones 15 polyphonic melodies
Vibration ringer	yes	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)	151 × 49 × 26	127 × 48 × 20	154 × 56 × 26
Weight (handset incl. battery)	approx. 125 g	approx. 100 g	approx. 166 g

