



# OpenScape DECT mobile handsets

Cordless handsets for HiPath and OpenScape systems.

In addition to the system-specific desktop telephones, cordless phones can also be operated 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.

## OpenScape DECT Phone SL5 handset

The OpenScape DECT Phone SL5 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 large 2.4" color display with a state-of-the-art user interface makes it very easy to operate. The feature set is comparable to system terminals.



## Equipment

### Illuminated keypad including:

- Navigation area
- Combined accept call/hands-free key
- Message waiting key
- 5-way navigation key
- Keypad lock
- Programmable display keys
- Profile key, key for switching between acoustic profiles and microphone mute
- R (flash), on the "0" key

### TFT graphic display

- Large 2.4" TFT color display
- 27 display languages
- Display in idle state
- Background illumination

### Media pool

- Monophonic ring tones (sounds)
- Polyphonic melodies (sounds)
- Screensaver images

### Phone 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
- Silent alarm (vibration)

### Headset port

- Corded: 2.5 mm jack
- Cordless: Bluetooth

### PC interface

- Bluetooth
- Micro USB

### PC application

- Phone book synchronization
- Loading of screensavers 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 logon

### Multi-DECT system capability

Parallel logon to up to 4 DECT systems is possible.

## Telephone functions

- Accept/reject call (HiPath-/OpenScope 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-/OpenScope Cordless Enterprise only)

## Technical data

### Handset

- Encryption/decryption based on the DECT standard
- Power supply: lithium-ion battery, 750 mAh

### Weight

- Handset incl. battery: approx. 100 g

### Color

- Silver

### Dimensions (H × W × D in mm)

- Handset: 130 × 51 × 19
- Charging unit: 29 × 70 × 58

## OpenScope DECT Phone S5 handset

The OpenScope 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 1.8" TFT color display with optimum user guidance. The feature set is comparable to system terminals.



## Equipment

### Illuminated keypad including:

- Navigation area
- Combined accept call/hands-free key
- Message waiting key
- 5-way navigation key
- Keypad lock
- Programmable display keys
- 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

- 27 display languages
- Display in idle state
- Background illumination

## Media pool

- Monophonic ring tones (sounds)
- Polyphonic melodies (sounds)
- Screensaver images

## Phone book

- Up to 500 entries for all directories
- Speed dial
- Administration via PC
- Telephone book data backup/restore
- Access to:
  - LDAP telephone database (HiPath/OpenScope Cordless),
  - HiPath Manager (HiPath/OpenScope 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
- Silent alarm (vibration)

## Headset port

- Corded: 2.5 mm jack
- Cordless: Bluetooth

## PC interface

- Bluetooth
- Micro USB

## PC application

- Phone book synchronization
- Loading of screensavers 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
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### 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 based on the DECT standard
- Power supply: 2 NiMH AAA batteries

### 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.



## Features when operating several handsets

- ECO DECT Mode
- Logon 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

- 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

## 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 MHz - 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 payload data

### 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 (+41 °F to +113 °F)

### Scope of delivery

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

### Expanded configurations

- OpenScape DECT Phone S5
- OpenScape DECT Phone SL5
- OpenStage M3 family

## 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



The extended emergency call options connect personnel in security-critical areas where 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 IP65
- Shock-proof 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 environments
- Emergency call key and different optional alarm sensors
- Illuminated keypad and navigation area
- Illuminated 1.8" TFT graphical display with brilliant colors
- Headset port

### 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 press 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
- Deliberate alarms (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 based on the DECT standard
- Power supply: lithium-ion battery, 1000 mAh

### 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 SL5	OpenScape DECT Phone S5	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 alarm features M3 Plus / M3 Ex Plus: extended alarm features
Housing protection class	–	–	IP65
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	240 x 320 pixel 65k colors	128 x 160 pixel 65k colors	128 x 160 pixel 65k colors
Display languages	27	27	26
Keypad illuminated including the navigation area	yes	yes	yes
Navigation key	5-way with centerclick	5-way with centerclick	5-way with centerclick
MWI key	yes	yes	yes
Keys can be programmed individually	yes	yes	yes
Ring tones and melodies	5 standard ring tones 21 polyphonic melodies	5 standard ring tones 21 polyphonic melodies	5 standard ring tones 15 polyphonic melodies
Silent alarm (vibration)	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	Bluetooth	Bluetooth
PC interface			
• Corded:	Micro USB	Micro USB	Mini USB
• Cordless:	Bluetooth	Bluetooth	Bluetooth
Handset lock with 4-digit PIN	yes	yes	yes
Power supply	Lithium-ion battery	2 NiMH AAA batteries	Lithium-ion battery
Handset dimensions (H x W x D) in mm	130 x 51 x 19	151 x 49 x 26	154 x 56 x 26
Weight (handset incl. battery)	approx. 100 g	approx. 125 g	approx. 166 g

You can find more information on handsets on the product page at:  
[http://wiki.unify.com/wiki/DECT\\_Mobilteile](http://wiki.unify.com/wiki/DECT_Mobilteile)



