


BOSCH

Invented for life

DE1-B(X) DECT Messaging Handset



- ▶ **GAP-compliant DECT6000 handset with integrated paging and telephony**
- ▶ **Reliable and fast messaging**
- ▶ **Handset-to-handset messaging**
- ▶ **ATEX certified model available (DE1-BX)**
- ▶ **Easily accessible SOS / Quick-dial button**
- ▶ **Handsfree operation**
- ▶ **Very robust and easy to operate**

The Bosch DE1-B series incorporate cordless telephony and message paging in compact and robust handsets. Based on DECT technology, functions such as seamless handover, roaming and encryption come as standard. An ATEX certified version (DE1-BX) is also available for environments with a high explosion risk.

Functions

Cordless telephony

- Internal and external telephone calls possible
- Compatible with all analog PABX features e.g. follow me, automatic call back, call transfer, hold calls, etc.
- Redial memory, stores the last three numbers dialed
- Internal telephone book for up to 200 names and numbers, alphabetically sorted
- Caller Line Identification Presentation (CLIP) for calls between DE1 handsets
- Handsfree function

Message stack

The DE1 handset has a dedicated stack for paging messages. Messages can be locked, deleted and forwarded to other DE1 handsets or DP6000 pagers / transceivers. The message stack has storage positions for 20 messages; the first message stack position is reserved as mailbox. Each message may contain up to 48 text characters and 12 additional characters for date, time and message type.

Paging messaging

- Receive paging messages up to 48 characters
- Message stack for storage of max. 20 messages
- Receive paging messages during conversation
- Forward messages to other DE1 handsets or DP6000 pagers/transceivers
- Facility to send pre-programmed paging messages
- Automatic date and time stamp

Reception of paging messages

The DE1 handsets can receive the following types of paging messages:

- **Normal:** Paging message with normal priority and bleep pattern.
- **Urgent:** Paging message with higher priority. The DE1 handset will bleep until the message is manually acknowledged.
- **Emergency:** Paging message with the highest priority. The DE1 handset will bleep until the message is manually acknowledged.
- **Mailbox:** Special paging message for telemetry purposes to monitor processes like temperature constants.

Silent mode

The DE1 handset can be set in a silent 'do not disturb' mode. In this mode the handset will be silent on reception of phone calls and paging messages. The user will be alerted by an LED indication and a vibrator.

When urgent or emergency messages are received, silent mode is overridden and the bleep signal is activated.

Absence indication

Charging racks may be configured to automatically set any loaded handsets to 'absent' status for paging messages and phone calls. In this situation the system can be set to automatically transfer paging messages to another DE1 handset or DP6000 pager/transceiver. The DE1 handset can also be manually set to absent status by the operator at the central desk.

Other functions

- 100 hours standby / 12 hours talk
- Available as an intrinsic safe version (ATEX model)
- Protected against dust and water resistant to IP52
- Microphone and incoming call mute function
- Telephone book with 200 names (automatic alphabetic sort)
- Recall
- Redial of last 3 dialed numbers
- Subscriptions to up to 4 DECT systems, with manual selection
- Compatible with all analog PABX features
- Automatic call transfer
- Suitable for noisy environments (loud beep and vibrator)
- Keyboard lock

Controls and Indicators

- Menu-driven, easy to program
- SOS/Quick-dial button on top of the handset
- Volume control / scroll button
- 14 paging beep patterns
- 9 user selectable ringing patterns
- 7 vibrator patterns
- Large display, 3 text lines and icons
- Graphical display with backlighting
- Low battery indication
- Out of range indication
- Red/green LED indication

Interconnections

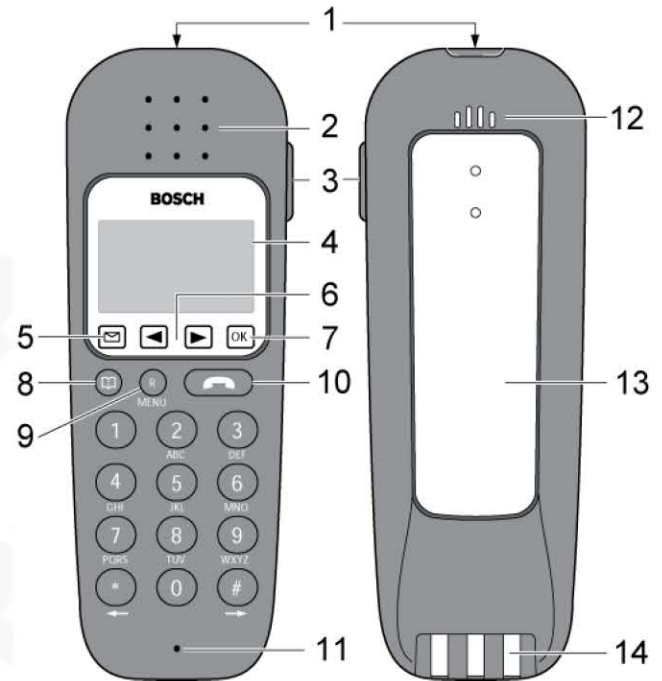
- Headset connection
- Charging / Programming contacts

Certifications and Approvals

CE-marking	acc. to Telecom directive 1999/5/EC
Safety	acc. to IEC/EN 60950-1
EMC	acc. to ETSI EN 301 489-1 acc. to ETSI EN 301 489-6
Telecom	acc. to ETSI EN 301 406
ESD	acc. to EN 61000-4-2 : contact: 8 kV air: 15 kV
Bump	acc. to IEC 60068-2-29: (10 G)
Vibration	acc. to IEC 60068-2-6: (5 G)
Drop-test	acc. to IEC 60068-2-32
Dust and waterproof	IP52

ATEX model	acc. to ATEX directive 1994/9/EC acc. to EN 60079-0: 2006 acc. to EN 50020 acc. to EN 61241-0: 2006 acc. to EN 61241-1: 2004 acc. to EN 60529 II 2G Ex ib IIC T3 II 3D Ex tD A22 T50 °C
ATEX cert.	KEMA 02ATEX1303 X (including amendments)

Installation/Configuration Notes



- Quick dial button + LED
- Loudspeaker
- Volume control
- Graphical display with backlighting
- Message key
- Scroll keys
- OK/Confirm
- Telephone book key
- Recall/Menu/Handsfree key
- ON/OFF hook key
- Microphone
- Bleep/Handsfree loudspeaker
- Clip attachment / Product label
- Charging/Programming contacts / Headset connector

Technical Specifications

Electrical

Power consumption	
Battery capacity	600 mAh
Standby time	>100 hour
Speech time	>15 hour
Frequency band	1880 to 1900 MHz
Output power	250 mW burst

Mechanical

Dimensions (H x W x D)	145 x 52 x 26.5 mm
Weight	145 g

Environmental

DE1-B operating temperature	-10 °C to +55 °C
DE1-BX operating temperature	-10 °C to +40 °C
Storage temperature	-20 °C to +70 °C (excl. batt.)
Charging temperature	+10 °C to +35 °C
Relative operating humidity	15% to 90%
Relative storage humidity	5% to 95%

Ordering Information

DE1-B Handset	DE1-B
DECT functions	
DE1-BX Handset	DE1-BX
DECT functions, ATEX certified	
Accessories	
PS-CH05 Multiple Charger	PS-CH05
PS-CH01-EU Single Charger (EU Adaptor)	PS-CH01-EU
power adaptor with EU plug	
PS-CH01-UK Single Charger (UK Adaptor)	PS-CH01-UK
power adaptor with UK plug	
PS-PSU9VM Power Supply Unit	PS-PSU9VM
Output 9 VDC, max. 5 A, max. ripple voltage 100 mVpp Input 100-240 VAC	
LBB 6711 Leather Pouch Set	LBB6711/00
LBB 6713 Safety Clip Set	LBB6713/00
LBB 6714 Belt Clip Set	LBB6714/00
LBB 6712/00 Headset	LBB6712/00

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