

DE1-B DECT Messaging Handset



The Atus 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. The handset is used in a DECT6000Sip system.

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

- **GAP-compliant DECT6000Sip handset with integrated paging and telephony**
- **Reliable and fast messaging**
- **Easily accessible SOS / Quick-dial button**
- **Handsfree operation**
- **Very robust and easy to operate**
- **Dust and water resistant according IP52**

- Forward messages to other DE1 handsets or DP6000 pagers/transceivers
- 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

- Microphone and incoming call ring mute function
- Telephone book with 200 names (automatic alphabetic sort)
- Recall
- Redial of last 3 dialed numbers
- Handsfree
- 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/recall key
- SOS/Quick-dial button on top of the handset
- Volume control with side button
- 14 paging bleep patterns
- 9 user selectable ringing patterns
- 7 vibrator patterns
- Large graphical display with backlighting
- Low battery indication
- Out of range indication
- Red/green LED indication

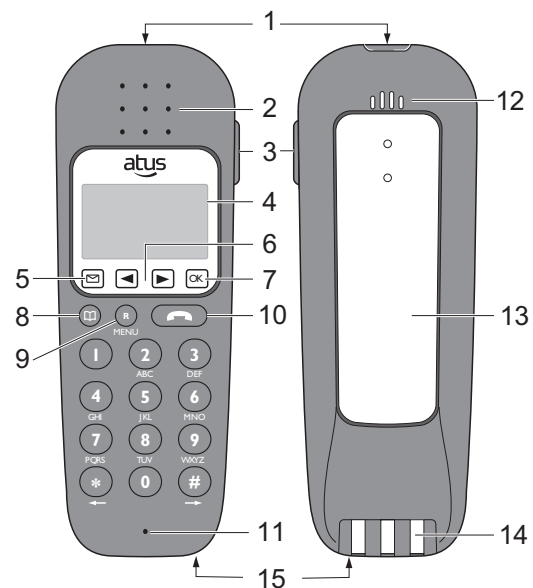
Interconnections

- 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 60068-2-31
Dust and waterproof	IP52

Installation/Configuration Notes



1	Quick dial button + LED
2	Loudspeaker
3	Volume control
4	Graphical display with backlighting
5	Message key
6	Scroll keys
7	OK/Confirm
8	Telephone book key
9	Recall/Menu/Handsfree key
10	ON/OFF hook key
11	Microphone
12	Bleep/Handsfree loudspeaker
13	Clip attachment / Product label
14	Charging/Programming contacts
15	Headset connector

Technical Specifications

Electrical

Power consumption

Battery type	NiMH
Standby time	>140 hour*
Speech time	>15 hour*
Frequency band	1880 to 1900 MHz
Output power	250 mW burst

* The real battery usage time depends on the battery health, usage pattern, activated functions and DECT signal strength.

Remark: battery replacement is recommended after 2 years.

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
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

Messaging Handset	8900 670 50001
DE1-B	

Accessories

Multiple Charger	8900 671 72001
PS-CH05	

Single Charger (EU Adaptor)	8900 676 00001
PS-CH01-EU	

Single Charger (UK Adaptor)	8900 676 01001
PS-CH01-UK	

Power Supply Unit for PS-CH05	8900 535 50002
LBB5355/00	

Leather Pouch Set of 10 pcs.	8900 671 10x05
LBB6711/xx (Black, red or blue)	

Belt loop Click Clip Set of 10 pcs.	8900 671 11001
LBB6711/10	

Safety Clip Set of 10 pcs.	8900 671 30005
LBB6713/00	

Belt Clip Set of 10 pcs.	8900 671 40005
LBB6714/00	