

2211100156

D83 Messenger

Dect handset DH8-ABAA



- ✓ Ingress protected to IP67
- ✓ Professional DECT cordless phone
- ✓ 2.4" color TFT display with LED backlight
- ✓ LED indicator for incoming calls and messages
- ✓ Wideband HD sound transmission
- ✓ Noise canceling speaker and microphones
- ✓ Integrates 3 distinct directories: central , professional and local
- ✓ Support for SMS and phone shortcuts
- ✓ Autonomy: 10h in conversation ; 120h standby
- ✓ Connectivity: Versatile connector ; 3.5mm jack ; Bluetooth 5.0
- ✓ Precise location module available



Bluetooth



Onboard communication



IP67



HD Voice

Description

The new Ascom d83 DECT mobile device is quite possibly the toughest, most versatile enterprise-grade DECT handset ever made: delivering the voice quality, reliability, messaging and alarm functions demanded in today's workplaces.

Tested to the limits

The d83 is ingress protected to IP67 standard. But we think an enterprise-grade DECT handset has to be tougher than the toughest work environments. Which is why the d83 has been tested way beyond the standard free fall, temperature, chemical-resistance and endurance tests. And of course, it features advanced speech encryption and authentication.

Protection with productivity

The availability of three d83 versions (Talker, Messenger, Protector), means you can select the combination of features that are just right for your needs. All versions deliver wideband audio and noise cancelling for exceptional voice quality. As well as an 'express' channel for mission-critical data.

No compromise on comfort

The d83 is built to be comfortable to use throughout the longest shifts, featuring: a conveniently located alarm button, large color display, wired or wireless headsets, multiple language and phonebook options, a carrying clip and a long-life, replaceable battery.

Technical Dimensions

Ascom d83 versions

| Features | zenitel | | |
|--|---------|-----------|-----------|
| | Talker | Messenger | Protector |
| Telephony | ✓ | ✓ | ✓ |
| Shock, vibration, drop, temperature and chemical resistant | ✓ | ✓ | ✓ |
| Centralized device management | ✓ | ✓ | ✓ |
| Central phone book | ✓ | ✓ | ✓ |
| Bluetooth 5.0 for wireless headsets | ✓ | ✓ | ✓ |
| 3.5 mm contact for wired headsets | ✓ | ✓ | ✓ |
| Shared phone | ✓ | ✓ | ✓ |
| Advanced messaging including priority, confirmation, call setup, colors on display and LED | – | ✓ | ✓ |
| Services and shortcuts to phone calls, messaging, sending data, etc. | – | ✓ | ✓ |
| Location with BLE, DECT, IR and LF technologies | – | ✓ | ✓ |
| Push-button, man-down, no-movement and pull-cord alarms | – | – | ✓ |

Specifications

BODY

| | |
|-----------------------|--|
| Dimensions (L× W × D) | 150× 64× 23mm |
| Weight | 175 g (battery and clip included) |
| Color | Handset: gray/black, Front plate: black (standard), steel grey, turquoise, green, orange |
| Build | Case: PC/ABS, Keypad: PC, Clip: PA |

DISPLAY

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|------|------------------|
| Size | 40 x 50mm (2,4") |
| Type | TFT |

BATTERY AND CHARGING

| | |
|-------------------------|---|
| Type | Li-ion 3.7 V, 920 mAh |
| Speech time | Upto 10 hrs (with Bluetooth headset and location features enabled) |
| Stand-by time | Upto 120 hrs (with black screen saver activated and location features disabled) |
| Charge time | <4 hrs |
| Discharge/charge cycles | >=80% capacity after 400 full charge/discharge cycles |

CONNECTORS

| | |
|--------------|--|
| Multipurpose | Multi-purpose connector for battery charging, fast software download and configuration. |
| Other | Screw reinforced standard 3.5 mm headset connector for Peltor/3M hearing protection headset cable The 3.5 mm connector can also be used for charging with a charging cable using a Europlug |

RADIO

| | |
|-----------------|---|
| Color | DECT protocol detection: Automatic detection and configuration for US DECT and EU DECT at first registration |
| Frequency range | 1880–1900 MHz: Europe, Africa, Middle East, Australia, New Zealand and parts of Asia |
| | 1900–1906 MHz: Thailand |
| | 1910–1920 MHz: Brazil |
| | 1910–1930 MHz: Latin America |
| | 1920–1930 MHz: US |
| Modulation | GFSK |
| Channel spacing | 1.728 MHz |
| Antenna | Two integral antennas for diversity |
| Sensitivity | -93dBm |
| Maximum | 10 mW: Europe, Latin America, Brazil, 4 mW: US |
| Bluetooth | Supports Bluetooth 5.0 and profiles headset and handsfree |

AUDIO

| | |
|------------------------------|---|
| Wideband audio | Support of voice codecs G.722.2 and G.726 |
| Background noise reduction | Two microphones and Adaptive Noise Reduction |
| Ring signal | Adjustable in 8 steps |
| Max. sound ring signal level | 100 dBA at 10 cm distance |
| Earpiece | Adjustable in 8 steps of 3dB each |
| Loudspeaker | Duplex loudspeaker |

ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating temperature | -10° C to +55° C (+14° F to +131° F) |
| Charging temperature | +5° C to +40° C (+41° F to +104° F) |
| Enclosure protection | IP67, IEC EN60529 |
| Immunity to ESD | 8 kV contact discharge and 16 kV air discharge, EN61000-4-2 |
| Free fall test | IEC60068-2-31, procedure 1: dropped 12 times, specification extended to 2 m. IEC60068-2-31, procedure 2: dropped 1000 times from 0.5 m |
| Climate stress | Handset exposed to rapid temperature and humidity changes Temperature range: -40° C to +75° C (-40° F to +167° F) Humidity range: 0% to 90% |
| Vibration test | Handset exposed to 30 Hz vibrations for a duration of 2.5 hrs |
| Chemical stress | Handset exposed to oleic acid |
| Keypad actuation test | Keys pressed 15,000 times with a force of 13 N |
| Squeeze test | Handset squeezed 1,000 times with a force of 130 N |

Accessories

DISCONTINUED



BTPHR-V2

Bluetooth headset for DECT handset

Used With



Unite CM Elise3 Std

Elise3 Server Platform



IPBS3-A3

IP DECT base station with internal antenna