

Ascom d63 Protector DECT Handset



Features

- High resolution TFT Color display
- Wide band audio
- Bluetooth for headset

Alarm

- Push button alarm, with ability to send different alarm types
- Acoustic Location Signal (ALS)
- Automatic call after alarm

Messaging

- Priority handling of calls and messages
- Advanced messaging queueing
- Color messaging
- Interactive messaging
- Multicast/Broadcast messaging
- Message acknowledgement
- Sending/receiving messages (SMS)
- Voice mail

Location

- IR Location
- DECT Beacon location
- Poll location
- Base station location

General

- Shared phone
- Push to talk (PTT)
- Loudspeaking function
- Easy registration
- Programmable soft keys & hot keys
- 3.5 mm headset connector
- Vibrator
- Enhanced DECT security Step A and Step B (ETSI EN 300 444, N.35, N.36)
- GAP/CAP compliant DECT handset
- Dynamic output power
- Cleanable, IP 44
- 18 languages and 1 customizable
- Application controlled telephony with Automation calls and Automatic group calls
- Procedure calls
- Advanced user profiles
- System profiles

Technical Specifications

Overview

Dimensions (l × w × d):	137 × 52 × 21 mm (excl. clip) (5.4 × 2 × 0.8 in)
Weight:	135 g (excl. clip) (4.8 oz)
Material:	Case: PC, Key pad: coated vulcanized silicone, Clip: PA
Color:	Black
Display (w × h):	31 × 41 mm (2.0 in), TFT display Multiple colors with high resolution, 262 K individual colors. 240 × 320 pixel LCD with white LED backlight
Clip:	Hinge-type (standard) or swivel-type

User Interface

Indicator:	Illuminated display for visual indication of incoming call, and charging.
Vibrator:	Incoming call/message

Battery and Charging

Note: All battery times are based on optimal conditions (no roaming or handover and black display).

Type:	Li-polymer 3.7 V 920 mAh
Speech time:	20 h
Stand-by time:	235 h
Speech time with Bluetooth headset connected:	14 h
Stand-by time with Bluetooth headset connected:	140 h
Charge time:	<4 h
Discharge/charge cycles:	≥80% capacity left after 400 full charge/discharge cycles.

Connectors

Multi-purpose connector:	With USB for fast software download, configuration and battery charging.
Headset connector:	Standard 3.5 mm

Audio

Ring signal:	Maximum sound level 88 dB _A SPL @ 10 cm Adjustable in 8 steps
Earpiece:	Adjustable in 8 steps of 3dB each
Loudspeaker:	Duplex loudspeaking function
Sound pressure level range for medium priority alarm (one beep):	Measured according to IEC 60601-1-8 44 dB–80 dB, adjustable in 8 steps.
Sound pressure level range for high priority alarm (siren):	Measured according to IEC 60601-1-8 46 dB–81 dB, adjustable in 8 steps.

Specifications are subject to change without notice.

Languages

Menu and message languages (18): Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, and Turkish.
+ one downloadable.

Phone book

Central phone book: Maximum 40 characters in a name and 20 digits in a number.

Company phone book: Maximum 24 characters in a name and 24 digits in a number (1 number per name).
1000 entries

Local phone book:

- 48 character name
- 24 digit work number
- 24 digit mobile phone number
- 24 digit other number
- Selectable ring tones per contact
- 250 entries

Telephony

Indication: 14 ring signals, illuminated display and vibrator

Answer call: Button press or auto answer

Call list storage capacity: 25 calls (received, dialled and missed) with time stamp

Messaging

Message length: Up to 140 characters from handset, depending on language and system settings.

Storage capacity: 30 received/sent messages (>20 000 characters)

Multicast Groups per handset: The handset can be a member in maximum 8 different Messaging groups

Message character encoding
SMS Standard
Latin-1
UTF-8

Additional features

- High quality voice
- Centralized management
- Easy access to PBX services
- Easy replacement of handset
- Easy replaceable battery
- Mute button/Sound off key
- Programmable headset button
- Programmable soft key (3)
- Local, central, and company phonebook
- Customizable menus
- Customizable sounds
- Programmable handset restrictions
- Call list with name and number for 25 calls
- Clear message and call lists in charger
- 180 degrees rotation of message/call information
- Site survey tool

Accessories

- Leather case
- Hinge-type/Swivel-type clip
- Security cord
- Desktop Charger
- Desktop Programmer
- Charging Rack
- Separate battery pack charger
- Headset with microphone on cable
- Headset with microphone on boom

Specifications are subject to change without notice.

Bluetooth

Bluetooth radio spectrum: ISM 2.4000–2.4835 GHz
Output power: Class 2, maximum 3 dBm

Bluetooth Headsets

- Jabra EVOLVE 65 MS Stereo
- Jabra EVOLVE 75
- Jabra MOTION UC+ MS
- Jabra STEALTH
- Jabra SUPREME UC MS
- Peltor WS Headset XP (MT H7 WS5)
- Plantronics B825-M Voyager Focus
- Plantronics BackBeat GO 2
- Plantronics Blackwire 710
- Plantronics Explorer 500 Bluetooth Headset Black
- Plantronics M70
- Plantronics M90
- Plantronics Voyager 5200 BT Headset EU
- Plantronics Voyager Edge
- Plantronics Voyager Legend UC

Radio

Automatic DECT protocol detection: Automatic detection and configuration for US DECT and EU DECT at first registration.

Frequency range:

- EU: 1880–1900 MHz
- US: 1920–1930 MHz
- LA: 1910–1930 MHz
- BR: 1910–1920 MHz
- -- : 1900–1920 MHz

Modulation: GFSK

Channel spacing: 1.728 MHz

Antenna: Integral

Sensitivity: –93 dBm

Maximum average power: EU/LA/BR: 10 mW
US: 4 mW

Environmental

Operating temperature: 0°C to +40°C (+32°F to +104°F)

Storage temperature:¹ –20°C to +60°C (–4°F to +140°F)

Charging temperature: +5°C to +40°C (+41°F to +104°F)

Immunity to electromagnetic fields: 3 V/m EN 61000-4-3

Immunity to ESD: 4 kV contact discharge and 8 kV air discharge (EN 61000-4-2)

Enclosure protection: IP44, IEC EN 60529




Free fall test: IEC 60068-2-32, procedure 1, dropped 12 times from 1 m.
IEC 60068-2-32, procedure 2, dropped 1000 times from 0.5 m.

1. Note that storing Li-polymer batteries at high temperature dramatically reduces its capacity. See Battery Storage and Maintenance Guidelines at:
http://www.ascom.com/ws/en/battery_storage_and_maintenance_guidelines.pdf


Compliance to European regulations and standards

EU directives: 2014/53/EU (RED), 2012/19/EU (WEEE), 94/62/EC (Packaging and packaging waste), 2006/66/EC (Battery Directive), Regulation 1907/2006 (REACH) and RoHS 2015/863 amending Directive 2011/65/EU.


Specifications are subject to change without notice.

Product marking:    BT QD: 81378
Radio: EN 301 406, TBR22
Bluetooth: EN 300 328, EN 301 489-17
SAR (Specific Absorption Rate): EN 50360 and EN 50556, TBD W/kg (10 gram)
Safety: EN 60950-1
EMC: EN 301 489- 6, EN 301 489-1

Compliance to US regulations and standards

Product marking: FCC ID:BXZDH7BT
HAC
 BT QD: 81378
SAR (Specific Absorption Rate): FCC 47 CFR § 2.1093 (d) and IEEE Std. 1528
Body Worn 0.074 W/kg (1 gram)
Left Head 0.042 W/kg (1 gram)
Safety: UL 60950-1
EMC/Radio: FCC Part 15 D, FCC Part 15 C (Bluetooth) and FCC Part 15 B
Hearing Aid: 47 CFR Part 68

Compliance to Canadian regulations and standards

Product marking: IC: 3724B-DH7BT,  BT QD: 81378
EMC/Radio: RSS-213 and RSS-247 (Bluetooth)
SAR (Specific Absorption Rate): RSS-102, Issue 4
Body Worn 0.074 W/kg (1 gram)
Left Head 0.042 W/kg (1 gram)
Safety: CAN/CSA-C22.2 NO.60950-1A-07
Hearing aid: CS-03 Part V, Issue 9, Amendment 1

Compliance to Australian regulations and standards

Product marking:   BT QD: 81378
EMC/Radio: Radiocommunications Act 1992,
Telecommunications Act 1997 AS/CA S042
Bluetooth: EN 300 328, EN 301 489-17, AUS/NZS-4771
SAR (Specific Absorption Rate): EN 50360 and EN 50556, TBD W/kg (10 gram)
Safety: AUS/NZS 60950-1
Audio: AS/CA S004

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