

DATA SHEET



Ascom d63 DECT Handset

Features

- Variants: Talker, Messenger, Protector, Talker Lite, Messenger Lite, and Protector Lite
- Enhanced DECT security Step A and Step B (ETSI EN 300 444, N.35, N.36)
- GAP/CAP compliant DECT handset
- Cleanable, IP44
- Easy registration
- Shared phone
- Multifunction button¹ and programmable keys
- Push-to-talk (PTT)²
- Bluetooth 5.1³
- Bluetooth headset support³

Alarm⁴

- Push-button alarm
- Acoustic Location Signal (ALS)

- Automatic call after alarm

Messaging

- Mini messaging (12 characters)⁵
- Interactive messaging inc. message acknowledgement and advanced messaging queueing²
- Multicast/broadcast messaging
- Voicemail

Location

- Base station location
- DECT location²
- IR location⁴
- BLE location⁴
- Poll location²

1. Not applicable to Protector variants.
2. Not applicable to Talker variants.
3. Not applicable to Lite variants.
4. Applicable to Protector variants only.
5. Applicable to Talker variants only.

Technical Specifications

Overview

Dimensions (l × w × d):	137 × 52 × 21 mm (5.4 × 2 × 0.8 in.), excluding clip
Weight:	135 g (4.8 oz), excluding clip
Material:	Case: PC Keypad: coated vulcanized silicone Clip: PA
Color:	Black and White (Messenger and Messenger Lite only)
Display:	31 × 41 mm (2 in.), TFT display Multiple colors with high resolution, 262K individual colors 240 × 320 pixels LCD, with white LED backlight
Menu and message languages:	Czech, Danish, Dutch, English, Finnish, Flemish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Portuguese (European), Russian, Slovak, Spanish, Swedish and Turkish + one downloadable
Clip:	Standard (hinge-type) or swivel-type

Indication

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

Battery and Charging

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:	14 h (with Bluetooth headset) 20 h (without Bluetooth headset)
Stand-by time:	140 h (with Bluetooth headset) 235 h (without Bluetooth headset)
Charge time ⁶ :	Approx. 3 hours in CR3 charging rack and CR4 battery pack charger

Connectors

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

6. Not following environmental conditions can prolong charging time.

Audio

Ring signal:	Maximum sound level 88 dBA SPL @ 10 cm Adjustable in 8 steps
Earpiece:	Adjustable in 8 steps of 3 dB each
Loudspeaker:	Duplex loudspeaking function
Voice codecs:	G.722.2, G.726

Phonebook

Central phonebook:	Maximum 40 characters in a name and 20 digits in a number
Company phonebook:	Maximum 24 characters in a name and 24 digits in a number (1 number per name) 1,000 entries
Local phonebook:	48 character name 24 digit work number 24 digit mobile phone number 24 digit other number 250 entries Selectable ringtones per contact ⁷

Telephony

Indication:	14 ring signals, illuminated display, and vibrator
Answer call:	Button press or auto answer
Call list storage capacity:	50 calls (received, dialled and missed) with time stamp

Messaging

Storage capacity:	Messenger and Protector: 30 received/sent messages (up to 20,000 characters)
	Talker: 0
Maximum message length:	Messenger and Protector: Up to 140 characters from handset, depending on language and system settings
	Talker: Mini messaging 12 characters to handset

7. Ringtones shall be set using the handset's settings.

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	
List of features:	High quality voice Centralized management Easy access to PBX services Easy replacement of a handset Programmable headset button Programmable handset restrictions Site survey tool Customizable sounds Customizable menus Easily replaceable battery Mute button and Sound off key Clear message ⁸ and call lists in charger 180 degrees rotation of message ⁸ and call information
Accessories	
CR4-AAAC	Battery pack charger
CR3-AAAD CR3-ABAD	Charging rack
DC3-UAAA DC3-UABA	Desktop charger
DP1-UAAA	Desktop programmer
P/N: 660517	Standard clip
P/N: 660506	Swivel clip
P/N: 660521	Carrying case
P/N: 660201	Security string
P/N: 660497 P/N: 660507	Battery pack

8. Not applicable to Talker variants

Radio

Automatic 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:	Integral
Sensitivity:	–93 dBm
Dynamic output power:	EU/LA/BR: 10 mW (maximum average power) US: 4 mW (maximum average power)

Bluetooth (not applicable to Lite variants)

Bluetooth radio spectrum:	ISM 2.4000–2.4835 GHz
Output power:	Class 2, maximum 3 dBm
Supported version:	5.1

Bluetooth Headsets (not applicable to Lite variants)

List of verified 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
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Specifications are subject to change without notice

Environmental

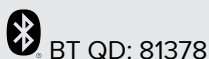
Operating temperature:	0 °C to +40 °C (+32 °F to +104 °F)
Storage temperature ⁹ :	−20 °C to +60 °C (−4 °F to +140 °F)
Charging temperature:	+5 °C to +40 °C (+41 °F to +104 °F)
Immunity to electromagnetic fields:	3 V/m (EN 61000-4-3)
Immunity to ESD:	4 kV contact discharge and 8 kV air discharge (EN 61000-4-2)
Enclosure protection:	IP44, IEC EN 60529
Free fall test ¹⁰ :	IEC 60068-2-31, procedure 1, dropped 12 times from 1 m IEC 60068-2-31, procedure 2, dropped 1,000 times from 0.5 m

9. Storing batteries at high temperature dramatically reduces its capacity.

10. IEC60068-2-31 supersedes IEC60068-2-32 and requirements are equivalent in free fall test.

Compliance to Regulations and Standards

Bluetooth marking:



Compliance to European Regulations and Standards

Product marking:



Directives and regulations:

Directive 2014/53/EU (RED)
Directive 2015/863 (RoHS) amending 2011/65/EU
Directive 2012/19/EU (WEEE)
Regulation (EC) 1907/2006 (REACH)
Battery Regulation (EU) 2023/1542
Packaging and packaging waste regulation 2025/40

Radio:

EN 301406, TBR22

Bluetooth:

EN 300328, EN 301489-17

SAR (Specific Absorption Rate):

EN 50360, 0.075 W/kg (10 gram) and EN 50566, 0.076 W/kg (10 gram)

Safety:

EN 62368-1

EMC:

EN 301489-6, EN 301489-1

Compliance to US Regulations and Standards

Product marking:



FCC ID: BXZDH7BT
FCC ID: BXZDH7
HAC

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 62368-1

EMC/Radio:

FCC Part 15 D, FCC Part 15 C (Bluetooth) and FCC Part 15 B

Hearing aid:

47 CFR Part 68

Specifications are subject to change without notice

Compliance to Canadian Regulations and Standards

Product marking:	 C US IC: 3724B-DH7BT IC: 3724B-DH7
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. 62368-1
EMC/Radio:	RSS-213 and RSS-247 (Bluetooth)
Hearing aid:	CS-03 Part V, Issue 9, Amendment 1

Compliance to Australian and New Zealand Regulations and Standards

Product marking:	 R-NZ
SAR (Specific Absorption Rate):	EN 50360, 0.075 W/kg (10 gram) and EN 50566, 0.076 W/kg (10 gram)
Safety:	AUS/NZS 60950-1
EMC/Radio:	Radiocommunications Act 1992 Telecommunications Act 1997
Audio:	AS/CA S004 PTC 220/16/019
Bluetooth:	EN 300328, EN 301489-17, AUS/NZS-4771

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