

## Ascom d63 Talker DECT Handset



### Features

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

### Messaging

- Mini messaging (12 characters)
- Broadcast/Multicast messaging
- Voice mail

### General

- Shared phone
- Loudspeaking function
- Easy registration
- Programmable soft keys & hot keys
- Multi-function button
- 3,5 mm headset connector
- Vibrator
- Enhanced DECT security
- GAP/CAP compliant DECT handset
- Dynamic output power
- Cleanable, IP 44
- 18 languages and 1 customizable
- Procedure calls
- Advanced user profiles

## Technical Specifications

### Overview

Dimensions (l × w × d):	137 x 52 x 21 mm (excl. clip) (5.4 x 2 x 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 x 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 3.7V 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 hours
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:	Adjustable in 8 steps
Earpiece:	Adjustable in 8 steps of 3dB each
Maximum sound ring signal level:	88 dBA @ 10 cm
Loudspeaker:	Duplex loudspeaking function

### 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) + 1 downloadable.
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*Specifications are subject to change without notice.*

## Phonebook

Central phone book

Maximum name and number length: 40 characters in a name and 20 digits in a number

Company phonebook

Maximum name and number length: 24 characters in a name and 24 digits in a number (1 number per name).

Entries: 1000

Local phonebook

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

Entries: 250

## 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

## Mini Messaging (12 characters)

Maximum message length: 12 characters to handset

Storage capacity: 0

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
- Programmable handset restrictions
- Call list with name and number for 25 calls
- Clear call lists in charger
- 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

## Bluetooth

Bluetooth radio: (Radio spectrum: ISM 2.4000-2.4835 MHz)

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### Bluetooth Headsets (verified)

- Jabra EVOLVE 65
- Jabra MOTION
- Jabra STEALTH
- Jabra SUPREME
- 3M Peltor WS XP
- Plantronics BlackBeat GO 2
- Plantronics Blackwire 710
- Plantronics M70
- Plantronics M90
- Plantronics Voyager Edge
- Plantronics Voyager Legend
- Voyager 5200 BT Headset EU
- B825-M Voyager Focus
- Explorer 500 Bluetooth Headset Black

### 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

Dynamic output power: EU/LA/BR: 10 mW (maximum average power)  
US: 4 mW (maximum average power)

### Environmental

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

Storage temperature:<sup>1</sup> -20°C to +60°C (-4°F to 140°F)

Immunity to electromagnetic fields: 3V/m EN61000-4-3

Immunity to ESD: 4 kV contact discharge and 8 kV air discharge (EN61000-4-2)


Enclosure protection: IP44, IEC EN60529

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

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](http://www.ascom.com/ws/en/battery_storage_and_maintenance_guidelines.pdf)

### Compliance to European regulations and standards

EU directives: 1999/5/EC (R&TTE), 2009/125/EC (Eco Design), 2002/96/EC (WEEE), 94/62/EC Packaging and packaging waste), 2006/66/EC (Battery Directive), Regulation 1907/2006 (REACH) and 2011/65/EU (RoHS)

Product marking:    BT QD: 81378

Radio: EN 301 406, TBR22

Bluetooth: EN 300 328, EN 301489-17


SAR (Specific Absorption Rate): EN50360 and EN50556, TBD W/kg (10 gram)

Safety: EN60950-1


EMC: EN301489- 6, EN 301 489-1

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### Compliance to US regulations and standards

Product marking:	FCC ID:BXZDH7BT <b>HAC</b>  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 301489-17, AUS/NZS-4771
SAR (Specific Absorption Rate):	EN 50360 and EN50556, TBD W/kg (10 gram)
Safety:	AUS/NZS 60950-1
Audio:	AS/CA S004

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