Ascom d63 Messenger DECT Handset

Features

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

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

- DECT Beacon location
- Poll location
- Base station location

General

- Shared phone
- Push to talk (PTT)
- Loudspeaking function
- Easy registration
- Programmable soft keys & hot keys
- Multi-function button
- 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 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, white
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.

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

Messaging

Maximum message length:	Up to 140 characters from handset, depending on language and system settings.
Storage capacity:	30 received/sent messages (> 20 000 characters)
Maximum number of 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

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°to +104°F)
Storage temperature:[1]	-20°C to +60°C (-4° to +140°F)
Charging temperature:	+5°C to +40°C (+41°F to +104°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

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 2011/65/EU (RoHS)
Product marking:	CE ☒ ❸ 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
	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 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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