

Ascom d62 DECT Handset, Talker

Features

General

- Easy registration
- Procedure call
- Enhanced DECT security
- GAP/CAP compliant DECT handset
- Upgradeable by licenses
- Shared Phone¹
- Dynamic output power
- High quality voice
- Color display
- Cleanable, IP 44
- Local, central, and company phonebook
- 18 language and 1 customizable
- Vibrator
- Aggressive ring signal
- Multifunction button
- Programmable soft keys / hot key
- Programmable handset restrictions
- Easy replaceable battery
- Personalized menus
- User profiles
- Centralized management
- Bluetooth as option

Messaging

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



1. License dependent feature

Technical Specifications

Physical

Dimensions (l × w × d):	134 × 53 × 26 mm
Weight:	130 g (battery and clip included)
Material:	Case: PC-ABS, Key pad: PC, Clip: PPA
Color:	Steel gray
Display (w × h):	28 × 35 mm, CSTN display
Clip:	Hinge-type (standard) or swivel-type

Battery

Type:	Li-polymer
Speech time:	20 h
Stand-by time:	240 h with "Black" screensaver activated
Speech time with Bluetooth option:	13 h with Bluetooth headset in use 20 h without Bluetooth enabled
Stand-by time with Bluetooth option:	120 h with "Black" screensaver activated
Charge time:	<4 h
Discharge/charge cycles:	≥80% capacity left after 400 full charge/discharge cycle.
Storage temperature: ¹	0°C to +20°C. Cool and dry place. Charged to 40% (3.7 V). Even when stored under optimal conditions the battery capacity will decrease over time.

1. Note that storing Li-polymer batteries at high temperature dramatically reduces its capacity. For example storage around +60°C reduces capacity with 20% in less than a month, permanently.

Connectors

Multi-purpose connector:	For battery charging, software download, and configuration
Headset connector:	Standard 2.5 mm

User interface

Display (w × h):	Multiple colours with high resolution, more than 65000 individual colours. 128 × 160 pixel LCD with white LED backlighting.
Indicator:	LED on top/front for visual indication of incoming call/message. The LED may also be used for visual indication of normal function.
Vibrator:	Incoming call/message
Buttons/Keypad:	<ul style="list-style-type: none">• Soft keys (3)• Off-hook key• On-hook key and Power On/Off on the same key• Five-way navigation key (OK button in the centre of the key)• Numerical keys• Sound off key• Volume button up/down• Multifunction button• Mute button

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

Settings

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.

Central Phonebook

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

Storage of contacts:

- 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, flashing LED 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: 12 characters to handset

Storage capacity: 0

Message character encoding: SMS Standard
Latin-1
UTF-8

Radio

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

Frequency range:

- 1880–1895 MHz Taiwan
- 1880–1900 MHz Europe, Africa, Middle East, Australia, New Zealand, and parts of Asia.
- 1900–1906 MHz Thailand
- 1910–1930 MHz South America
- 1920–1930 MHz North America

Modulation: GFSK

Channel spacing: 1.728 MHz

Antenna: Integral

Sensitivity: -93 dBm

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

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Environmental

Operating temperature:	0°C to +40°C
Storage temperature:	-20°C to +60°C
Enclosure protection:	IP44, IEC EN60529
Immunity to electromagnetic fields:	3 V/m EN61000-4-3
Immunity to ESD:	4 kV contact discharge and 8 kV air discharge (EN 61000-4-2)
Free fall test, standard product:	IEC 60068-2-32, procedure 1, dropped 12 times from 1 m. Ascom approves 12 drops from 1.5 m.

Option

Bluetooth radio:	Add-on from factory (Radio spectrum: ISM 2.4000–2.4835 MHz)
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Additional Features

- Loudspeaking function
- Mute button / Sound off key
- Manual and automatic keypad lock
- Standard headset connector 2.5 mm
- Easy access to PBX services
- Easy replacement of handset
- Clear lists in charger
- Call list with the 25 last calls
- Name in Call list
- Site survey tool

Accessories

- Leather case
- Hinge type/Swivel type clip
- Security cord
- Desktop charger, Basic
- Desktop charger, Advanced
- Charging Rack
- Separate battery pack charger
- Headset with microphone on cable
- Headset "mic on boom" with QD connector¹
- Headset adaptor QD connector to 2.5 mm connector

1. Requires Headset adaptor QD connector to 2.5 mm connector.

Verified Bluetooth Headsets and Bluetooth Barcode Readers

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

Bluetooth Barcode Readers:


- Baracoda ScanWear BSW-L
- Baracoda Roadrunners BRR-L
- Baracoda Pencil2
- Opticon OPL-2724

Specifications are subject to change without notice.


Compliance to European regulations and standards

EU directives:	Directive 2014/53/EU (RED) and RoHS 2015/863 amending Directive 2011/65/EU
Product marking:	  BT QD: B016451
Radio:	EN 301 406, TBR22
Bluetooth:	EN 300 328, EN 301 489-17
SAR (Specific Absorption Rate):	EN 50360 and EN 62209-1, 0.074 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:	Without Bluetooth: FCC ID: BXZDH4 US: 9FVW4NANDH4 HAC
	With Bluetooth: FCC ID: BXZDH4BL US: 9FVW4NANDH4 HAC  BT QD: B016451
SAR (Specific Absorption Rate):	FCC/OET Bulletin 65 Supplement C and IEEE Std. 1528 / ANSI/IEEE Std. C95.1 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)
Safety:	UL 60950-1
EMC/Radio:	FCC Part 15 D and FCC Part 15 C (Bluetooth)
Hearing Aid:	47 CFR Part 68, Subpart D and TIA-968-A

Compliance to Canadian regulations and standards

Product marking:	Without Bluetooth: IC:3724B-DH4
	With Bluetooth: IC: 3724B-DH4BL  BT QD: B016451
EMC/Radio:	RSS-213 and RSS-210 (Bluetooth), ICES-003
SAR (Specific Absorption Rate):	IEEE Std C95.1 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)
Safety:	CSA 60950-1
Hearing aid:	CS-03

Compliance to Australian regulations and standards

Product marking:	  BT QD: B016451
Radio:	EN 301 406
Bluetooth:	EN 300 328, EN 301 489-17, AUS/NZS-4771
SAR (Specific Absorption Rate):	EN 50360 and EN 62209-1, 0.074 W/kg (10 gram)
Safety:	AUS/NZS 60950-1
EMC:	EN 301 489- 6, EN 301 489-1

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DECT:

AS/ACIF S004, TS028

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