

Ascom d62 DECT Handset, Talker

Features

General

- Easy registration
- Procedure call
- 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 x 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 hours
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% (3.7V). 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:

- 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 up/down keys
- Multifunction button
- Mute button

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

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.

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

Specifications are subject to change without notice.

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

Messaging

Maximum message length: 12 characters to Handset

Storage capacity: 0

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

Environmental

Operating temperature: 0°C to +40°C

Storage temperature: -20°C to +60°C

Enclosure protection: IP44, IEC EN60529

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

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

Free fall test, standard product: IEC 60068-2-32, procedure 1, dropped 12 times from 1 metre.
Ascorm approves 12 drops from 1.5 metre.

Option

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

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, DTX-9016
- Headset with microphone on boom, DTX-9017

Specifications are subject to change without notice.


Verified Bluetooth Headsets and Bluetooth Barcode Readers

- Bluetooth Headsets
 - Nokia BH-804/BH-904
 - Plantronics Explorer 240/390/395
 - Plantronics Voyager 835/PRO/PRO+
 - Plantronics Discovery 925
 - Plantronics M20/M50/M1100
 - Jabra BT530
 - Jabra GO 660/6430/6470
 - SonyEricsson HBH-GV435/HBH-PV740
 - Peltor M2RX7-WS4
- Bluetooth Barcode Readers
 - Baracoda ScanWear BSW-L
 - Baracoda Roadrunners BRR-L
 - Baracoda Pencil2
 - Opticon OPL-2724


Compliance to European regulations and standards

EU directives:	1999/5/EC (R&TTE)
Product marking:	CE  BT QD: B016451
Radio:	EN 301 406, TBR22
Bluetooth:	EN 300 328-2, EN 301489-17
SAR (Specific Absorption Rate):	EN50360 and EN62209-1, 0.074 W/kg (10 gram)
Safety:	EN60950-1
EMC:	EN301489- 6, EN 301 489-1

Compliance to US regulations and standards

Product marking:	<i>Without Bluetooth:</i> FCC ID: BXZDH4 US: 9FVW4NANDH4 HAC <i>With Bluetooth:</i> 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:	<i>Without Bluetooth:</i> IC:3724B-DH4 <i>With Bluetooth:</i> 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)

Specifications are subject to change without notice.

Safety: CSA 60950-1
Hearing aid: CS-03

Compliance to Australian regulations and standards

Product marking:   BT ID: B014317
Radio: EN301406
Bluetooth: EN 300 328-2, EN 301489-17, AUS/NZS-4771
SAR (Specific Absorption Rate): EN 50360 and EN62209-1, 0.074 W/kg (10 gram)
Safety: AUS/NZS 60950-1
EMC: EN301489- 6, EN 301 489-1
DECT: AS/ACIF S004, TS028

Specifications are subject to change without notice.