

Ascom d62 DECT Handset, Protector

Features

- GAP/CAP compliant DECT handset
- Dynamic output power
- High quality voice
- Colour display
- Cleanable, IP 44
- Local, central, and company phonebook¹
- 18 Languages and 1 customizable
- Push button alarm, with ability to send different alarm types
- Acoustic Location Signal (ALS)
- Interactive Messaging
- Message acknowledgement
- Sending/receiving messages (SMS)
- Voice mail
- Broadcast/Multicast messaging
- Loudspeaking function
- Mute button/Sound off key
- Manual and automatic keypad lock
- 3 programmable soft keys
- 9 programmable hot keys
- Customized GUI
- Profiles
- Clear lists in charger
- Call list with the 25 last calls
- Easy access to PBX services
- Vibrator
- Easy replacement
- Easy replaceable battery
- Centralized management
- Standard headset connector 2.5 mm
- Site Survey tool
- Bluetooth as option



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
Colour:	Steel grey
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 ²
Speech time with Bluetooth option:	13 h with Bluetooth headset in use 20 h without Bluetooth headset in use
Stand-by time with Bluetooth option:	120 h ²
Charge time:	< 4 hours
Discharge/charge cycles:	>=80% capacity left after 400 full charge/discharge cycles.

1. Central phonebook is a system dependent feature.
2. The stand-by time is without activated screensaver

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)
- Hook off key
- On hook 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: 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
Call list storage capacity: 25 calls (received, dialled and missed) with time stamp

Specifications are subject to change without notice.

Messaging

Maximum message length:	160 characters from handset. Message length to handset is system dependent.
Storage capacity:	30 received/sent messages (> 20 000 characters)

Radio

Receiver sensitivity:	-93 dBm
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
Radiated power:	EU: 250 mW US: 100 mW

Environmental

Operating temperature:	0°C to +40°C
Storage temperature: ³	-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. Ascom approves 12 drops from 1.5 metre.

Option

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



Accessories

• Leather case	• Headset with microphone on cable, DTX-9016
• Hinge-type/Swivel-type clip	• Headset with microphone on boom, DTX-9017
• Security cord	• Bluetooth Headset (10 supported)
• Desktop charger, Basic	SonyEricsson HBH-PV702
• Desktop charger, Advanced	SonyEricsson HBH-GV435
• Charging Rack	SonyEricsson HBH-IV835
• Separate battery pack charger	Plantronics Voyager510
	Plantronics Explorer665
	Nokia BH-201
	Jabra BT8010
	Motorola H350
	Motorola H670
	Samsung WEP410


3. Note that storing Li-Polymer batteries at high temperature dramatically reduces its capacity. For example storage around maximum temperature reduces capacity with 20% in less than a month, permanently

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Compliance to European regulations and standards

EU directives:	1999/5/EC (R&TTE)
Product marking:	  BT ID: B014317
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:	FCC ID: BXZDH4 US: 9FVW4NANDH4 HAC
Bluetooth:	FCC ID:BXZDH4BL,  BT ID: B014317
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:	IC:3724B-DH4
Bluetooth:	IC: 3724B-DH4BL,  BT ID: B014317
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 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

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