

DH6 DECT Handset



Features

- TFT Color display
- High quality voice
- Wide band audio
- 3,5 mm headset connector
- Local, Company, and Central phonebook
- Voice mail
- Centralized management
- Loudspeaking function
- Call list with name and number for 25 calls
- Mini messaging (12 characters)
- GAP/CAP compliant DECT handset
- Dynamic output power
- Easy access to PBX services
- Vibrator
- Easy replacement of handset
- Manual and automatic keypad lock
- 18 languages and 1 customizable

Technical Specifications

Overview

Dimensions (l × w × d):	137 x 52 x 21.5 mm (excl. clip) (5.4 x 2 x 0.8 in)
Weight:	114 g (excl. clip) (4,0 oz)
Material:	Case: PC/ABS, Key pad: hard coated silicon, Clip: POM
Color:	Black
Display (w × h):	28 x 35 mm, (1.8 in), TFT display Multiple colors with high resolution, 262 K individual colors. 128 x 160 pixel LCD with white LED backlight
Clip:	Hinge-type (standard)

User Interface

Indicator:	Illuminated display for visual indication of incoming call, and charging.
Vibrator:	Incoming call

Battery and Charging

Type:	Li-Ion 3.7V 650 mAh 2.40Wh
Speech time:	16 h during optimal condition
Stand-by time:	180 h during optimal condition
Charge time:	< 4 h
Discharge/charge cycles:	>=65% capacity left after 500 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.

Phone book

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

Accessories

- Leather case
- Swivel type clip
- Hinge type clip
- Security cord
- Desktop Charger
- Desktop Programmer
- Charging Rack
- Headset with microphone on cable
- Headset with microphone on boom

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)

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Environmental

Operating temperature:	0°C to +40°C (32°to 104°F)
Storage temperature: ¹	-20°C to +60°C (-4° to 140°F)
Enclosure protection:	IP40, 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:	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:	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:	 
Radio:	EN 301 406, TBR22
SAR (Specific Absorption Rate):	EN50360 and EN50566, TBD W/kg (10 gram)
Safety:	EN60950-1
EMC:	EN301489- 6, EN 301 489-1

Compliance to US regulations and standards

Product marking:	FCC ID: BXZDH6 HAC
SAR (Specific Absorption Rate):	FCC 47 CFR §2.1093 (d) and IEEE Std. 1528 Right Head 0.057 W/kg (1gram) Body Worn 0.070 W/kg (1gram)
Safety:	UL 60950-1
EMC/Radio:	FCC Part 15D and FCC Part 15B
Hearing Aid:	47 CFR Part 68

Compliance to Canadian regulations and standards

Product marking:	IC:3724B-DH6
EMC/Radio:	RSS-213
SAR (Specific Absorption Rate):	RSS-102, Issue 4 Right Head 0.057 W/kg (1gram) Body Worn 0.070 W/kg (1gram)
Safety:	CSA 60950-1, 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:	
EMC/Radio:	Radiocommunications Act 1992, Telecommunications Act 1997 AS/CA S042
SAR (Specific Absorption Rate):	EN 50360 and EN50566 TBD W/kg (10 gram)

Specifications are subject to change without notice.

Safety:
DECT:

AUS/NZS 60950-1
AS/ACIF S004

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