

Ascom d41 DECT Handset, Advanced

Features

- Easy registration
- Speed dial
- GAP/CAP compliant DECT handset
- Dynamic output power
- High quality voice
- Large illuminated B/W and grey scale display
- Local, Company, and Central¹ phonebook
- Mini messaging (12 characters)
- Voice mail
- Clear lists in charger
- Call list with the 25 last calls
- Easy access to PBX services
- Loudspeaking function
- Vibrator
- Easy replacement of handset
- 11 languages and 1 customizable
- Centralized management
- Standard headset connector 2.5 mm



1. System dependent

Technical Specifications

Physical

Dimension (l x w x d):	133 x 53 x 24 mm
Weight:	115 g (battery and clip included)
Material:	Case: PC-ABS, Key pad: Silicone, Clip: POM
Color:	Gray
Display (w x h):	28 x 35 mm, FSTN B/W
Clip:	Hinge type (standard) or swivel type

Battery and charging

Type:	600 mAh (Li-Ion)
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:	For battery charging, software download, and configuration
Headset connector:	Standard 2.5 mm
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-Ion batteries at high temperature dramatically reduces its capacity. For example storage around +60°C reduces capacity with 20% in less than a month, permanently.

User interface

Display (w × h):	112 x 115 pixels, with white LED backlight
Indicator:	LED on top/front for visual indication of incoming call, and charging.
Vibrator:	Incoming call
Keypad:	- Soft keys - Off-hook key - On-hook and Power On/Off on the same key - Four way navigation key - Numerical keys

Audio

Ring signal:	Adjustable in 8 steps
Earpiece:	Adjustable in 8 steps of 3dB each
Maximum sound pressure level:	88 dBA @ 10 cm
Loudspeaker:	Duplex loud speaking function

Settings

Languages:	11 preinstalled (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese (Brazilian), Spanish, Swedish). One additional programmable. 7 languages available for download (Czech, Greek, Hungarian, Polish, Russian, Slovakian, and Turkish).
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Central Phonebook

Maximum name and number length:	40 characters in a name and 20 digits in a number
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Company Phonebook

Maximum name and number length:	24 characters in a name and 24 digits in a number (1 number per name).
Entries:	500

Local Phonebook

Storage of contacts:	- 48 character name - 24 digit work number - 24 digit mobile phone number - 24 digit other numbers
Entries	250

Telephony

Indication:	14 ring signals, flashing LED and vibrator.
Answer call options:	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

Radio

Automatic DECT protocol detection:	Automatic detection and configuration for US DECT and EU DECT at first registration.
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Specifications are subject to change without notice.

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:	IP40, IEC EN60529
Immunity to electromagnetic fields:	3 V/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

Accessories

- Leather case
- Swivel type clip
- Hinge type clip
- Security cord
- Desktop charger Basic
- Desktop charger Advanced
- Charging Rack
- Headset with microphone on cable, DTX 9016
- Headset with microphone on boom, DTX-9017

Compliance to European regulations and standards

EU directives:	1999/5/EC (R&TTE)
Product marking:	CE
DECT Radio:	EN 301 406, TBR22
SAR (Specific Absorption Rate):	EN50360 and EN62209-1, 0.075 W/kg (10 gram)
Safety:	EN60950-1
EMC:	EN301489- 6, EN 301 489-1

Compliance to US regulations and standards


Product marking:	FCC ID: BXZDH3 US: 9FVW4NANDH3 HAC
SAR (Specific Absorption Rate):	FCC/OET Bulletin 65 Supplement C and IEEE Std. 1528 / ANSI/IEEE Std. C95.1 Normal operation 0.043 W/kg (1 gram) Body worn operation 0.037 W/kg (1 gram)
Safety:	UL 60950-1
EMC/Radio:	FCC Part 15 C
Hearing aid:	47 CFR Part 68, Subpart D and TIA-968-A

Specifications are subject to change without notice.

Compliance to Canadian regulations and standards

Product marking: IC:3724B-DH3
SAR (Specific Absorption Rate): IEEE Std C95.1
Normal operation 0.043 W/kg (1 gram)
Body worn operation 0.037 W/kg (1 gram)
Safety: CSA 60950-1
EMC/Radio: RSS 213, ICES-03
Hearing aid: CS-03

Compliance to Australian regulations and standards

Product marking: 
Radio: EN301 406
SAR (Specific Absorption Rate): EN50360 and EN62209-1, 0.075 W/kg (10 gram)
Safety: AS/NZS 60950
EMC: EN301 489-1 and EN301 489-6
DECT: AS/ACIF S004, TS028

Specifications are subject to change without notice.