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 Central\(^1\) 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

Technical Specifications

Physical

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

Battery and charging

Type: 600 mAh (Li-lon)
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\(^1\)

\(^1\)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
Menu and Message 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).

Note: The full set of message languages are supported only if UTF-8 character encoding is used. Other character encodings have limited language support.

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: 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

Specifications are subject to change without notice.
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: 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)

Specifications are subject to change without notice.
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Safety: UL 60950-1
EMC/Radio: FCC Part 15 C
Hearing aid: 47 CFR Part 68, Subpart D and TIA-968-A

**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