

## 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<sup>1</sup> 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




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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 <sup>1</sup> | 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:          | <ul style="list-style-type: none"><li>- Soft keys</li><li>- Off-hook key</li><li>- On-hook and Power On/Off on the same key</li><li>- Four way navigation key</li><li>- Numerical keys</li></ul> |

## 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).<br><br>One additional programmable. 7 languages available for download (Czech, Greek, Hungarian, Polish, Russian, Slovakian, and Turkish).<br><br>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: | <ul style="list-style-type: none"><li>- 48 character name</li><li>- 24 digit work number</li><li>- 24 digit mobile phone number</li><li>- 24 digit other numbers</li></ul> |
| 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: 

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.*


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

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