

# DATA SHEET



## Ascom d43 DECT Handset

### Features

- Enhanced DECT security Step A and Step B (ETSI EN 300 444, N.35, N.36)
- GAP/CAP compliant DECT handset
- TFT Color display
- Loudspeaking function
- Vibrator
- 3.5 mm headset connector
- High quality voice
- Wideband audio
- Call list with name and number for 25 calls
- Local, company, and central phonebooks
- 20 languages and 1 customizable
- Manual and automatic keypad lock
- Mini messaging (12 characters)
- Voicemail
- Easy access to PBX services
- Centralized management
- Easy replacement of handset

## Technical Specifications

### Overview

|                             |                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (l × w × d):     | 137 × 52 × 21.5 mm (5.4 × 2 × 0.8 in.), excluding clip                                                                                                                                                                         |
| Weight:                     | 114 g (4 oz), excluding clip                                                                                                                                                                                                   |
| Material:                   | Case: PC/ABS<br>Keypad: hard coated silicon<br>Clip: POM                                                                                                                                                                       |
| Color:                      | Black                                                                                                                                                                                                                          |
| Display:                    | 28 × 35 mm (1.8 in.), TFT display<br>Multiple colors with high resolution, 262K individual colors<br>128 × 160 pixels LCD, with white LED backlight                                                                            |
| Menu and message languages: | Czech, Danish, Dutch, English, Finnish, Flemish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Portuguese (European), Russian, Slovak, Spanish, Swedish and Turkish + one downloadable |
| Clip:                       | Standard (hinge-type) or swivel-type                                                                                                                                                                                           |

### Indication

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Indicator: | Illuminated display for visual indication of incoming call and charging |
| Vibrator:  | Incoming call                                                           |

### Battery and Charging

All battery times are based on optimal conditions (no roaming or handover and black display).

|                            |                                      |
|----------------------------|--------------------------------------|
| Type:                      | Li-Ion 3.7 V 650 mAh 2.40 Wh         |
| Speech time:               | 15 h during optimal condition        |
| Stand-by time:             | 170 h during optimal condition       |
| Charge time <sup>1</sup> : | Approx. 3 hours in CR3 charging rack |

### 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 |
| Maximum sound ring signal level: | 88 dBA @ 10 cm        |

1. Not following environmental conditions can prolong charging time.

|                                       |                                                                                                                   |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Earpiece:                             | Adjustable in 8 steps of 3 dB each                                                                                |
| Loudspeaker:                          | Duplex loudspeaking function                                                                                      |
| Voice codecs:                         | G.722.2, G.726                                                                                                    |
| <b>Phonebook</b>                      |                                                                                                                   |
| Central phonebook:                    | Maximum 40 characters in a name and 20 digits in a number                                                         |
| Company phonebook:                    | Maximum 24 characters in a name and 24 digits in a number (1 number per name)<br>500 entries                      |
| Local phonebook:                      | 48 character name<br>24 digit work number<br>24 digit mobile phone number<br>24 digit other number<br>250 entries |
| <b>Telephony</b>                      |                                                                                                                   |
| 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                                                           |
| <b>Mini Messaging (12 characters)</b> |                                                                                                                   |
| Maximum message length:               | 12 characters to handset                                                                                          |
| Storage capacity:                     | 0                                                                                                                 |
| Message character encoding            | SMS Standard<br>Latin-1<br>UTF-8                                                                                  |
| <b>Accessories</b>                    |                                                                                                                   |
| CR3-AAAD<br>CR3-ABAD                  | Charging rack                                                                                                     |
| DC3-UAAA<br>DC3-UABA                  | Desktop charger                                                                                                   |
| DP1-UAAA                              | Desktop programmer                                                                                                |
| P/N: 660211                           | Standard clip                                                                                                     |
| P/N: 660197                           | Swivel clip                                                                                                       |
| P/N: 660520                           | Carrying case                                                                                                     |
| P/N: 660201                           | Security string                                                                                                   |

*Specifications are subject to change without notice*

|                                     |                                                                                                                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P/N: 660177                         | Battery                                                                                                                                                                                       |
| <b>Radio</b>                        |                                                                                                                                                                                               |
| Automatic DECT protocol detection:  | Automatic detection and configuration for US DECT and EU DECT at first registration                                                                                                           |
| Frequency range:                    | 1880–1900 MHz: Europe, Africa, Middle East, Australia, New Zealand and parts of Asia<br>1900–1906 MHz: Thailand<br>1910–1920 MHz: Brazil<br>1910–1930 MHz: Latin America<br>1920–1930 MHz: US |
| Modulation:                         | GFSK                                                                                                                                                                                          |
| Channel spacing:                    | 1.728 MHz                                                                                                                                                                                     |
| Antenna:                            | Integral                                                                                                                                                                                      |
| Sensitivity:                        | –93 dBm                                                                                                                                                                                       |
| Dynamic output power:               | EU/LA/BR: 10 mW (maximum average power)<br>US: 4 mW (maximum average power)                                                                                                                   |
| <b>Environmental</b>                |                                                                                                                                                                                               |
| Operating temperature:              | 0 °C to +40 °C (+32 °F to +104 °F)                                                                                                                                                            |
| Storage temperature <sup>2</sup> :  | –20 °C to +60 °C (–4 °F to +140 °F)                                                                                                                                                           |
| Charging temperature:               | +5 °C to +40 °C (+41 °F to +104 °F)                                                                                                                                                           |
| Immunity to electromagnetic fields: | 3 V/m (EN 61000-4-3)                                                                                                                                                                          |
| Immunity to ESD:                    | 4 kV contact discharge and 8 kV air discharge (EN 61000-4-2)                                                                                                                                  |
| Enclosure protection:               | IP40, IEC EN 60529                                                                                                                                                                            |
| Free fall test <sup>3</sup> :       | IEC 60068-2-31, procedure 1, dropped 12 times from 1 m<br>IEC 60068-2-31, procedure 2, dropped 1,000 times from 0.5 m                                                                         |

2. Storing batteries at high temperature dramatically reduces its capacity.

3. IEC60068-2-31 supersedes IEC60068-2-32 and requirements are equivalent in free fall test.

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## Compliance to Regulations and Standards

### Compliance to European Regulations and Standards

|                                 |                                                                                                                                                                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product marking:                |                                                                                                                                                         |
| Directives and regulations:     | Directive 2014/53/EU (RED)<br>Directive 2015/863 (RoHS) amending 2011/65/EU<br>Directive 2012/19/EU (WEEE)<br>Regulation (EC) 1907/2006 (REACH)<br>Battery Regulation (EU) 2023/1542<br>Packaging and packaging waste regulation 2025/40 |
| Radio:                          | EN 301406, TBR22                                                                                                                                                                                                                         |
| SAR (Specific Absorption Rate): | EN 50360, 0.069 W/kg (10 gram) and EN 50566, 0.091 W/kg (10 gram)                                                                                                                                                                        |
| Safety:                         | EN 62368-1                                                                                                                                                                                                                               |
| EMC:                            | EN 301489-6, EN 301489-1                                                                                                                                                                                                                 |

### Compliance to US Regulations and Standards

|                                 |                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------|
| Product marking:                | <br>FCC ID: BXZDH6<br>HAC  |
| SAR (Specific Absorption Rate): | FCC 47 CFR § 2.1093 (d) and IEEE Std. 1528<br>Body Worn 0.070 W/kg (1 gram)<br>Right Head 0.057 W/kg (1 gram) |
| Safety:                         | UL 62368-1                                                                                                    |
| EMC/Radio:                      | FCC Part 15 D and FCC Part 15 B                                                                               |
| Hearing aid:                    | 47 CFR Part 68                                                                                                |

### Compliance to Canadian Regulations and Standards

|                                 |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
| Product marking:                | <br>IC: 3724B-DH6 |
| SAR (Specific Absorption Rate): | RSS-102, Issue 4<br>Body Worn 0.070 W/kg (1 gram)<br>Right Head 0.057 W/kg (1 gram)                  |
| Safety:                         | CAN/CSA-C22.2 NO. 62368-1                                                                            |
| EMC/Radio:                      | RSS-213                                                                                              |
| Hearing aid:                    | CS-03 Part V, Issue 9, Amendment 1                                                                   |

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| Compliance to Australian and New Zealand Regulations and Standards |                                                                                           |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Product marking:                                                   | <br>R-NZ |
| SAR (Specific Absorption Rate):                                    | EN 50360, 0.069 W/kg (10 gram) and EN 50566, 0.091 W/kg (10 gram)                         |
| Safety:                                                            | AUS/NZS 60950-1                                                                           |
| EMC/Radio:                                                         | Radiocommunications Act 1992<br>Telecommunications Act 1997                               |
| Audio:                                                             | AS/CA S004                                                                                |

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