

Ascom d63

Quite possibly the world's
hardest working handset



Voice quality you're sure to hear about.

Wideband audio—the Ascom d63 advantage

The Ascom d63 features 'wideband audio', extended bandwidth of 50Hz – 7,000Hz that delivers exceptional sound quality that goes beyond traditional telephony. And it's backward compatible, achieving outstanding sound quality even when communicating with conventional devices. The Ascom d63—voice quality you're sure to hear about.

Easy integration for smarter messaging

The Ascom d63 is designed to integrate and work seamlessly with third-party systems*. This is made possible by Ascom's Unite middleware, which enables two-way texting and interactive messaging directly on the handset. Ascom Unite can also be configured to filter, sorts and prioritizes alerts—then ensures they are displayed on the Ascom d63's bright, easy-to-read color screen.

Personal alarms

The Ascom d63 is more than a telephony and messaging handset. It also features an alarm button that can be used/configured to trigger duress calls. DECT location functionality means colleagues are notified of the handset's location—making the Ascom d63 particularly suitable for lone workers. Infra red location enables room level accuracy.

Ascom d63 features at a glance

- Wideband audio
- Interactive messaging
- Prioritized and color-coded messages
- Priority handling of calls and messages
- DECT Security (encryption)
- Centralized management
- Pre-programmed messages
- Alarm button
- DECT and IR location
- Bluetooth
- Shared phone
- Push-to-talk (PTT)
- 20 languages + 1 downloadable
- Support for graphical messaging
- User and system profiles
- Dynamic output power
- Display messages upside down
- Easy registration
- Up to 5 Emergency numbers
- Push-button alarm

* Supported workflows, interfaces and message types are specified in and subject to limitations described in Unite product documentation. Not all configurations may be available in all countries where the d63 is sold.

Ascom d63 variant feature comparison

	Ascom d63 Talker	Ascom d63 Messenger	Ascom d63 Protector
Centralized management	✓	✓	✓
Bluetooth	✓	✓	✓
Advanced messaging	–	✓	✓
DECT location	–	✓	✓
IR location	–	–	✓
Push-button alarm	–	–	✓
MD/NM (Man Down/No Movement)	–	–	✓

Ascom d63 technical specifications

<p>BODY Dimensions: 137 x 52 x 21 mm. Weight: 135g, excl. clip. Display: 31 x 41 (2,0 inch). TFT.</p>	<p>AUDIO Ring signal: Adjustable in 8 steps. Earpiece: Adjustable in 8 steps of 3dB each. Max. sound ring signal level: 88 dBA @ 10 cm. Loudspeaker: DSP assisted duplex loudspeaker. Voice Codecs: G.722.2, G.726</p>	<p>PHONEBOOK Central phonebook: Unlimited no. of entries. Company phonebook: 1000 entries. Local phonebook: 250 entries. Selectable ring tones per contact.</p>
<p>USER INTERFACE Display: High resolution, Color TFT display 262K individual colors. 240 x 320-pixel backlit LCD. Indicator: Sound indicates incoming call/message and the display is illuminated. Vibration: Incoming call, alarm and message. Buttons & Keys: 3 soft keys, 5-way navigation key, off-hook key, on-hook and power on/off on the same key, backlit numerical keypad, sound off key, volume up/down, alarm/multifunction button, mute button.</p>	<p>TELEPHONY Indication: 14 ring signals, illuminated display, and vibrator Answer call: Button press or auto answer. Call list storage capacity: 50 received, dialed and missed calls, with time stamp. Emergency numbers: Up to 5 configurable, no need to unlock keypad before dialing</p>	<p>SECURITY AND ENCRYPTION Full support of the DECT Security EN300 444 feature N35, as specified by the DECT forum.</p> <p>LICENSES DH7-L01: Upgrade license Ascom d63 Talker to Messenger DH7-L02: Upgrade license Ascom d63 Talker to Protector Light*** DH7-L03: Upgrade license Ascom d63 Messenger to Protector Light***</p>
<p>LANGUAGES 20 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.</p>	<p>MESSAGING Storage capacity: Up to 20,000 characters, 30 received/sent messages. Messages from handset to handset 140 characters. Beep depending on urgency and customizable beeps. Pre-programmed messages (pre-set or personal). Interactive messaging includes message acknowledgement and graphical messaging.</p>	<p>BLUETOOTH Supports handsfree profiles. Bluetooth ver. 5.0 incl. BLE</p>
<p>RADIO DECT protocol detection: Automatic detection and configuration for US DECT and EU DECT at initial registration. Frequency range: EU (1880-1900 MHz), US (1920-1930 MHz), L A (1910-1930 MHz), BR (1910-1920 MHz), Other (1900-1920 MHz). Modulation: GFSK. Channel spacing: 1.728 MHz Antenna: Integral. Sensitivity: –93 dBm. Radiated power: EU 250 mW, US 100 mW</p>	<p>ENVIRONMENTAL Operating temperature: 0°C to +40°C. Storage temperature**: -20°C to +60°C. Enclosure protection: IP44, IEC EN60529. Immunity to electromagnetic fields: 3V/m EN61000-4-3. Immunity to ESD: 4 kV contact discharge, 8 kV air discharge (EN61000-4-2). Free fall test, standard product: IEC 60068-2-31, procedure 1, dropped 12 times from 1 m IEC 60068-2-31, procedure 2, dropped 1,000 times from 0.5 m</p>	<p>BATTERY Type: Li-polymer. Speech time: 20 hrs. Stand-by time: 240 hrs without activated screensaver. Charge time: < 4 hrs. Discharge/charge cycles: >=80% capacity left after 400 full charge/discharge cycles.</p> <p>LOCATION DECT location, BLE and Infra-Red (IR) location.</p>
<p>CONNECTORS Multi-purpose connector for battery charging, software download and configuration. Standard 3.5 mm headset connector.</p>	<p>COMPLIANCE Compliance to EU, US, Canadian, Australian and New Zealand standards – please see the data sheet.</p>	<p>ACCESSORIES See Accessories sheet.</p>

** Storing Li-polymer batteries at high temperatures can rapidly and permanently reduce capacity

***Protector light is similar to Protector but without IR-/LF-location nor Man Down/No Movement feature.



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About Ascom

Our vision is a world where the right information moves people forward. Our mission is to put the right information in the right hands at the right time so that people can make the best possible decisions.

We are a global provider of communication and collaboration solutions for the acute care, long-term care and enterprise sectors. Our solutions are based on intelligent integrations with software and hardware that are open source and compatible with third party solutions. Every single second, our systems generate large amounts of data, which we then turn into useful and actionable information. This helps us to bring data to life for people in the toughest operational environments, ensuring smooth, complete, and efficient workflows.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 19 countries and employs around 1,400 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.