

# 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	Shared phone
Interactive messaging	Push-to-talk (PTT)
Prioritized and color-coded messages	18 languages + 1 downloadable
Priority handling of calls and messages	Support for graphical messaging
DECT Security (encryption)	User and system profiles
Centralized management	Dynamic output power
Pre-programmed messages	Display messages upside down
Alarm button	Easy registration
DECT and IR location	Up to 5 Emergency numbers
Bluetooth**	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.

\*\* Depending on variant.

## Ascom d63 variant feature comparison

	Ascom d63 Talker	Ascom d63 Messenger	Ascom d63 Protector
Centralized management	X	X	X
Bluetooth**	X	X	X
Advanced messaging		X	X
DECT location		X	X
IR location			X
Push-button alarm			X

## Ascom d63 technical specifications

<p><b>BODY</b>  <b>Dimensions:</b> 137 x 52 x 21.5 mm.  <b>Weight:</b> (incl.battery&amp;clip) 113g.  <b>Display:</b> 31 x 41 (2,0 inch). TFT.  <b>Color:</b>  <b>Black:</b> Talker, Messenger, Protector  <b>White:</b> Messenger only.</p>	<p><b>AUDIO</b>  <b>Ring signal:</b> Adjustable in 8 steps.  <b>Earpiece:</b> Adjustable in 8 steps of 3dB each.  <b>Max. sound ring signal level:</b> 88 dBA @ 10 cm.  <b>Loudspeaker:</b> DSP assisted duplex loudspeaker.</p>	<p><b>PHONEBOOK</b>  <b>Central phonebook:</b> Unlimited no. of entries.  <b>Company phonebook:</b> 1000 entries.  <b>Local phonebook:</b> 250 entries.            Selectable ring tones per contact.</p>
<p><b>USER INTERFACE</b>            High resolution, Color TFT display 262K individual colors. 240 x 320 pixel backlit LCD.  <b>Indicator:</b> Sound indicates incoming call/ message.  <b>Vibration:</b> Incoming call/message.  <b>Buttons &amp; Keys:</b> 3 soft keys, 5-way navigation key, off-hook key, on-hook and power on/off on the same key, numerical keys, sound off key, volume up/down, alarm/ multifunction button, mute button.</p>	<p><b>TELEPHONY</b>  <b>Indication:</b> 15 pre-set ring signals + 10 customizable, vibration.  <b>Answer call:</b> Button press or auto answer.  <b>Call list storage capacity:</b> 25 received, dialed and missed calls, with time stamp.  <b>Emergency numbers:</b> Up to 5 configurable, no need to unlock keypad before dialing.</p>	<p><b>SECURITY AND ENCRYPTION</b>            Full support of the DECT Security EN300 444 feature N35, as specified by the DECT forum.</p>
<p><b>LANGUAGES</b>  <b>18 languages:</b> Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish and Turkish + 1 downloadable.</p>	<p><b>MESSAGING</b>  <b>Storage capacity:</b> Up to 20,000 characters, 30 received/sent messages. Messages from handset to handset 160 characters. Beep depending on urgency and customizable beeps. Pre-programmed messages (pre-set or personal).</p>	<p><b>BLUETOOTH**</b>            Supports handsfree profiles.            See data sheet for tested headsets.</p>
<p><b>RADIO</b>  <b>DECT protocol detection:</b> Automatic detection and configuration for US DECT and EU DECT at initial registration.  <b>Frequency range:</b> EU (1880-1900 MHz), US (1920-1930 MHz), L A (1910-1930 MHz), BR (1910-1920 MHz), Other (1900-1920 MHz).  <b>Modulation:</b> GFSK.  <b>Channel spacing:</b> 1.728 MHz.  <b>Antenna:</b> Integral. Sensitivity: -93 dBm.  <b>Radiated power:</b> EU 250 mW, US 100 mW.</p>	<p><b>ENVIRONMENTAL</b>  <b>Operating temperature:</b> 0°C to +40°C.  <b>Storage temperature***:</b> -20°C to +60°C.  <b>Enclosure protection:</b> IP44, IEC EN60529.  <b>Immunity to electromagnetic fields:</b> 3V/m EN61000-4-3.  <b>Immunity to ESD:</b> 4 kV contact discharge, 8 kV air discharge (EN61000-4-2).  <b>Free fall test, standard product:</b> IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter. Ascom approves 12 drops from 1.5 meters.</p>	<p><b>BATTERY</b>  <b>Type:</b> Li-polymer.  <b>Speech time:</b> 20 hrs.  <b>Stand-by time:</b> 240 hrs without activated screensaver.  <b>Charge time:</b> &lt; 4 hrs.  <b>Discharge/charge cycles:</b> &gt;=80% capacity left after 400 full charge/discharge cycles.</p>
		<p><b>LOCATION</b>            DECT location and Infra Red (IR) location.</p>
<p><b>CONNECTORS</b>            Multi-purpose connector for battery charging, software download and configuration.            Standard 3.5 mm headset connector.</p>	<p><b>COMPLIANCE</b>            Compliance to EU, US, Canadian and Australian standards – please see the data sheet.</p>	<p><b>ACCESSORIES</b>            See Accessories sheet.</p>

\*\* Depending on variant.

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

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**About Ascom**

Ascom is a global solutions provider focused on healthcare ICT and mobile workflow solutions. The vision of Ascom is to close digital information gaps allowing for the best possible decisions – anytime and anywhere. Ascom's mission is to provide mission-critical, real-time solutions for highly mobile, ad hoc, and time-sensitive environments. Ascom uses its unique product and solutions portfolio and software architecture capabilities to devise integration and mobilization solutions that provide truly smooth, complete, and efficient workflows for healthcare as well as for industry and retail sectors.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 18 countries and employs around 1,300 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.