ascom

Product:	Ascom d62
	Priority handling of messages and calls
	Alarm button with location functionality
	Centralized management
	Multicast/Broadcast
	Easy registration and replacement
	Shared phone
	Support for waveform presentation

ASCOM d62 – DESIGNED FOR SMOOTH OPERATION, INTEGRATION AND GROWTH

The Ascom d62 is a high-quality handset designed for efficient communication in environments such as hospitals, elderly care and retail. It streamlines maintenance and administration and can easily be adapted to the changing needs of a large and diversified organization.

Adapt your handset to your needs

The d62 handset is the ideal solution when effective communication can have a direct effect on safety, health or security. It is available in a number of license-dependent main models. There is the quality telephone (Talker), which can be upgraded to a professional messaging device (Messenger), which in turn can be licensed as an advanced personal alarm handset (Protector). Additionally, other license options are available for different functionalities. This means that the capability of the d62 can be easily adapted as your requirements change or grow.

Advanced messaging interaction

The messaging capability of the d62 makes it ideal for applications such as integration with nurse call or patient monitoring. A call from a patient terminal can be sent directly to the handset, indicating the type of call and location of the patient. The nurse can speak directly to the patient or acknowledge a message with a push of a button. If the nurse is unavailable, the call is automatically rerouted to another nurse. Messages can also be prioritized in two ways – by presenting them according to priority in the message list or by color coding. Patient monitoring events that include image presentations as waveform snapshots can also be presented in the handset.

Smoother upgrades and reduced downtime

Centralized management allows for smooth, trouble-free software upgrades and parameter synchronizations. The individual settings on each handset are stored centrally. With an IP-DECT system, administration of end-user devices can be easily facilitated over the air (OTA). Both systems offer great advantages in terms of flexibility and cost efficiency.

PRODUCT SHEET: ASCOM d62

Ascom d62 features at a glance

- Centralized management
- Easy registration
- Interactive messaging
- Priority handling of calls and messages
- Multicast/Broadcast

- Shared phone (license dependent)
- Push-to-talk (PTT)
- Push-button alarm (Protector)/ Multifunction button
- Support for waveform presentation

- 18 languages + one customizable
- User and system profiles
- Bluetooth as option
- Dynamic output power
- Color display with color messaging

Ascom d62 Variant feature comparison

	Ascom d62 Talker	Ascom d62 Messenger	Ascom d62 Protector
Centralized management	✓	✓	✓
Central phonebook	✓	✓	✓
12 character messages	✓		
Advanced messaging		✓	✓
Location		✓	✓
Push-button alarm			✓

Ascom d62 technical specifications

Dimensions 134x53x26mm.
Weight (incl. battery & clip) 130g.
Display 28x35mm (CSTN).

Languages
18: Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish and Turkish + 1 downloadable.

Connectors
Multi-purpose connector for battery charging, software download and configuration. Standard 2.5 mm headset connector.

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.

Phonebook
Central phonebook: Max. 40 characters in a name, 20 digits in a number.
Company phonebook: Max. 24 characters in a name, 24 digits in a number (1 number per name). 1000 entries.
Local phonebook: 48 character name, 24 digit work number, 24 digit mobile phone number, 24 digit other number, selectable ring tones per contact, 250 entries.

User interface
High resolution CSTN display, 65,000 colors, 128 x 160 pixel backlit LCD.
Indicator: LED indicates incoming call/message.
Vibration: Incoming call/message.
Buttons & Keys: 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.

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: Duplex loudspeaking function.

Telephony
Indication: 15 pre-set ring signals + 10 customizable, flashing LED, vibration.
Answer call: Button press or auto answer.
Call list storage capacity: 25 received, dialed and missed calls, with time stamp.

Messaging
Storage capacity: Up to 20,000 characters, 30 received/sent messages. Messages from handset to handset 160 characters. Talker 12 character messages only, no storage. Beep depending on urgency and customizable beeps.

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.

Environmental
Operating temperature: 0°C to +40°C.
Storage temperature[1]: -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 60068-2-32, procedure 1, dropped 12 times from 1 meter. Ascom approves 12 drops from 1.5 meters.

Accessories
Upgrade licenses: Messenger and Protector.
Desktop chargers (basic, advanced).
Charging rack and Battery pack charger.
Headsets: microphone on cable and microphone on boom.
Clips (swivel, hinge).
Leather case.

Bluetooth
Supports handsfree and headset profiles. See data sheet for tested headsets.
License for barcode scanners.

Compliance
Compliance to EU, US, Canadian and Australian standards – please see the data sheet.

Location
Basestation location as standard and DECT location as license

[1]Storing Li-polymer batteries at high temperatures can dramatically and permanently reduce capacity.