ascom

Product: Ascom d62

High quality voice

Interactive, color coded messaging

Large, intuitive color display

Alarms & positioning

Centralized management

Bluetooth capable

ASCOM d62 HANDSET
INTUITIVELY DESIGNED TO GROW
AND INTEGRATE

For More Information
To learn more about how a custom Ascom solution can improve your enterprise, contact us at 877-71ASCOM or visit www.ascom.us.

When effective communication impacts safety, health or security, a multi-functional handset and support system of the highest standards is a necessity. The Ascom d62 handset helps meet the extraordinary demands placed on the staff of hospitals, secure establishments and industrial facilities. Simplifying complex features through an intuitive user interface and large, color display, the d62 communication device allows smooth interaction with colleagues and systems.

The d62 is available in a number of licensed models — from the voice-only Talker to the advanced personal alarm and professional messaging Protector. Centralized Management provides smooth, upgrades, portable configuration and reduced downtime — a substantial benefit for system administrators.

Ascom d62 users have direct access to a centrally updated phonebook and PBX features. Soft keys facilitate access to all features and are programmable for many more frequently used functions. In an emergency, d62 alarm functions instantly alert colleagues with a single push of a key.

The professional messaging capabilities of the Ascom d62 handset ensures that critical data from co-workers and information systems gets to the right person at the right time. Text messages are delivered instantaneously and acknowledgement is recorded. Messages can also be prioritized and color coded to show items based on urgency. These features all contribute to operational efficiency and safety.

Ascom d62 Handset Feature Comparison

	d62 Talker	d62 Messenger	d62 Protector
Color Display	✓	✓	✓
Vibrate Alert	✓	✓	✓
Loudspeaker	✓	✓	✓
Wired Headset Connector	✓	✓	✓
Bluetooth Headset Support	✓	✓	✓
Bluetooth Data Support		✓[1]	✓[1]
Programmable Soft keys	✓	✓	✓
Local Phonebook	✓	✓	✓
Central Phonebook	✓	✓	✓
Centralized Management	✓	✓	✓
Professional Messaging		✓	✓
Multi-function Button	✓	✓	
Push-button Alarm			✓
Enhanced Push-to-Talk[2]		✓	✓
24/7 Use	✓	✓	✓

d62 Handset Technical Specifications

Dimensions 5.27″ × 2.09″ × 1.02″
Weight (incl. battery & clip) 4.18 oz.
Display (CSTN display) 1.10″ x 1.38″

Languages
Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, 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: up to 20 hr. (13 hr. with Bluetooth).
Stand-by time: up to 240 hr. (120 hr. with Bluetooth)[3].
Charge time: < 4 hr. 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 tone.

User Interface
Display: Multi-color, hi-res, 65k individual colors. 128 × 160 pixel LCD with white LED back-light.
Indicator: LED indicates incoming call/message.
Vibration: Incoming call/message.
Buttons & Keys: 3 Soft keys, Answer/Send, End/Power, 5 way navigation key, numerical keys, volume up/down, multifunction 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 loud speaking function.

Telephony
Indication: 14 ring signals, flashing LED, vibration.
Answer call: Button press or auto answer.
Call list storage capacity: 25 received, dialed, missed calls.

Messaging
Max length: 160 characters from handset, system dependent to handset.
Storage: 30 received/sent messages (> 20,000 characters).

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), LA (1910-1930 MHz), BR (1910-1920 MHz).
Modulation: GFSK.
Channel spacing: 1.728 MHz.
Antenna: Integral. Sensitivity: -93 dBm.
Radiated power: EU (250 mW), US (100 mW)

Environmental
Operating temperature: 32°F to 104°F.
Storage temperature[4]: -4°F to 140°F.
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, dropped 12 times from 1 meter. Approved for 12 drops from 1.5 meters.

Regulations & Standards (US)
Product marking: FCC ID BXZDH4, QD ID B014317, US: 9FVW4NANDH4, HAC.
Specific Absorption Rate: FCC/OET Bulletin 65 Supplement C and IEEE Std. 1528 / ANSI/IEEE Std. C95.1, Normal operation 0.104 W/kg (1g), Body worn operation 0.029 W/kg (1g).
EMC/Radio: FCC Part 15 D, FCC Part 15 C (Bluetooth).
Hearing Aid: 47 CFR Part 68, Subpart D and TIA-968-A.

Regulations & Standards (Canada)
Product marking: IC 3724B-DH4, QD ID B014317.
Specific Absorption Rate: IEEE Std C95.3, Normal operation 0.104 W/kg (1g), Body worn operation 0.029 W/kg (1g).
EMC/Radio: RSS-213 and RSS-210 (Bluetooth), ICES-03.
Hearing aid: CS-03.

Bluetooth
Headsets: Nokia BH-804, Nokia BH-904, Plantronics Explorer 390, Plantronics Voyager 835, Plantronics Voyager PRO, Plantronics Discovery 925, Jabra BT530, SonyEricsson HBH-GV435, SonyEricsson HBH-PV740, Peltor M2RX7-WS4.
Barcode Readers: Baracoda ScanWear BSW-L, Baracoda Roadrunners BRR-L, Baracoda Pencil2, Opticon OPL-2724
Bluetooth radio: hardware variant (factory installed only).
Bluetooth radio spectrum: ISM 2.4000-2.4835 MHz.

Accessories
Optional Add on Licenses: Shared phone, Bluetooth data
Desktop chargers (basic, advanced).
Charging Rack, battery pack charging rack.
Headsets: microphone on cable, boom microphone, 2.5 Peltor DTX-9018 (hearing protection).
Clips (swivel, hinge).
Leather case, Security cord.

[1]Additional Bluetooth data license required. [2]PTT functionality requires the IGC and AA60 or a customer supplied conference bridge. [3]Stand-by time is without activated screensaver. [4]Storing Li-Ion batteries at high temperatures can dramatically and permanently reduce capacity. All messaging and alarm features are system dependent and require additional equipment. Specifications are subject to change without notice. This product is not a medical device.

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