

## Ascom d81 Messenger LF IP-DECT Handset



Product Name: Ascom d81 Messenger LF IP-DECT Handset

Manufacturer: -

Model Number: DH5-AABAAB

Please Note: Our Ascom phones do not come with a charger, this is an additional purchase from the drop down above.

Ascom d81 Messenger LF DECT IP Phone handset

The Ascom d81 Messenger LF is a robust, sophisticated IP phone handset. Advanced functionality and operating safety make it ideal for the most challenging settings such as industrial plants and secure establishments.

Ascom D81 Messenger LF Key Features

- Advanced messaging
- Poll location and special location functions
- Bluetooth

Designed for tough, challenging environmentsThe d81 can be relied on in the toughest working environments, where the handset is handled roughly and is exposed to the elements. Not only does it resist rain, humidity and dust, but the strong rubber casing protects the handset if dropped. It is tested for twice the standard level of static electricity and it endures both cold and heat. Adjustable low power setting to reduce risk of radio emissions interfering with sensitive equipment. There is also an intrinsically safe variant for operation in hazardous locations. Advanced functionalityBased on a proven IP-DECT operating platform with high volume and voice quality, the functionality of the d81 can be matched to the specific needs of your organisation and the individuals in it. The advanced messaging functionality of the d81 means smooth interaction with colleagues or machinery. For example, information from production processes can be sent directly to the handset. Thanks to centralised management, the handsets in the system can be automatically configured, upgraded and updated. Furthermore, the functionality of the d81 can be complimented through the application of a number of additional licenses. Advanced safetyThe advanced alarm functions include a manual alarm and an automatic mandown and no-movement alarm. Dual functionality lets the user make a call and send an alarm at the same time. The person sending the alarm can be pinpointed with high accuracy and the messages can be automatically sent to the handsets in closest proximity to any reported event. In short, the d81 can make a major contribution to minimising safety risks.

Ascom d81 Messenger LF Technical Specifications

General

- P65, including headset and charging connector
- Shock proof
- Temperature range -10°C to +55°C, Ex -10°C to +40°C
- ATEX and IECEx approved, CSA listed
- Intrinsically safe (Ex) for both gas and dust environments
- Alarms: push-button, man-down, no-movement and pull-cord
- Location technologies: base-station, DECT location and LF
- Location functions: poll location and special location
- Bluetooth bar code reader license
- Support for graphical messaging
- User and system profiles
- Upgrade license from Messenger to Protector
- Centralised management
- Color coded messages
- Message priority

## Ascom d81 Messenger LF IP-DECT Handset

- Enhanced ESD protection
- Pre-programmed messages
- Display messages upside down
- Adjustable low power setting.
- Up to 5 Emergency numbers.

### Physical

- Dimensions: 142x56x25mm
- Weight: (incl. battery & clip) 170g
- Display (CSTN) 28x35mm

### Audio

- Ring signal: Adjustable in 8 steps.
- Earpiece: Adjustable in 8 steps of 3dB each.
- Max. sound ring signal level: 100 dBspl (90 dBspl for Ex) @ 10 cm.
- Loudspeaker: DSP assisted duplex loudspeaker. Not for intrinsically safe version.

### 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).
- Antenna: Integral.
- Radiated power: EU/L A/BR (250 mW), US (100 mW)

### Bluetooth

- Supports handsfree and headset profiles.

### Phonebook

- Central phonebook: Unlimited no. of entries.
- Company phonebook: 1000 entries.
- Local phonebook: 250 entries.

### 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.

### Location

- Basestation location as standard, LF location as factory option and DECT location as license.

### Insrinsically safe (ex classification)

- ATEX approved and IECEx approved.
- CSA listed for North America

## Ascom d81 Messenger LF IP-DECT Handset

### Licences

• Add on license: Shared phone, Bluetooth data and DECT location

• Upgrade license: Messenger version, Protector version and pull-cord

### Connectors

• Multi-purpose, IP65 classified connector for headset, battery charging, software download and configuration

### Security and Encryption

• Full support of the DECT Security EN300 444 feature N35, as specified by the DECT forum.

### User Interface

• High resolution backlit color display.

• Indicator: LED indicates incoming call/message.

• Vibration: Incoming call/message.

• Buttons & Keys: 3 Soft keys, off-hook key, on-hook and power on/off on the same key, 4 way navigation key, numerical keys, volume up/down and alarm button. Temperature

### Messaging

• Storage capacity: 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).

### Environmental

• Operating temperature: -10°C to +55°C (-10°C to +40°C for Ex).

• Storage temperature: -20°C to +60°C.

• Enclosure protection: IP65, IEC EN60529.

• Immunity to ESD: 8 kV contact discharge, 16 kV air discharge (EN61000-4-2).

• Free fall test, standard product: IEC 60068-2-32, procedure 1, dropped 12 times, specification extended to 2 meters. IEC 68-2-32, procedure 2, dropped 1,000 times from 0.5 meter.

Accelerated life test (see data sheet)

## Please Enquire

Options available for Ascom d81 Messenger LF IP-DECT Handset :

### Base Station Required?

[Ascom IP-DECT Base Station - Internal Antenna \(IPBS2-A3A\) \(+£359.99\)](#), [Ascom IP-DECT Base Station - External Antenna \(IPBS2-A4A\) \(+£389.99\)](#), [Not Required](#).

## Ascom d81 Messenger LF IP-DECT Handset

### **DECT Location License**

Required (DH5-L04) (+£54.00), Not Required.

### **Charger Required?**

Basic Charger for d81 (DC3-AABB) (+£23.44), Advanced Charger/Programmer for d81 (DC4-AABB) (+£89.30),  
Not Required.

### **Battery Pack Required?**

Battery Pack for d81 (660273) (+£44.60), Not Required.

### **Clip Required?**

Spare Clip for d81 (660276) (+£6.53), Swival Clip for d81 (660277) (+£10.88), Not Required.

### **Pull Cord Required?**

Pull Cord for d81 (660275) (+£10.88), Not Required.