Introducing the Ascom a72

Reliable, robust and easy to use, the Ascom a72 is a messaging and alarm unit specially developed for work places where urgent situations require immediate action. Depending on your needs, there are three versions to choose from.

Ascom a72

Convenient and smart

One of the most prominent features of the Ascom a72 is its size. The unit is large enough to display messages clearly and small enough to be easy to carry. Thanks to a built-in antenna, users won't have to worry about it getting stuck in their clothes. Should the unit get stuck all the same, a clip release function ensures it doesn't break. The unit is also equipped with an ID label for quick identification.

Reliable messaging

Messages are presented in plain text on a large backlit LCD display, which means they can be read even in the dark. High priority messages can be programmed to be sent to the front of the messaging queue, interrupting any ongoing messages. That way you can be sure important messages reach their destination immediately.

The a72 supports group messaging where the same message can be sent to a group of people simultaneously to save time and ensure accuracy.

With a72 Protector version it's also possible to acknowledge a message so you will know your message has been received. When you're out of reach, the system will notify the person looking for you. The moment you put your unit in the rack charger, the system will be notified that you are absent.

Features	Pager	Alarm	Protector
Vibration function	✓	✓	✓
Availability information/absence	✓	✓	✓
Messaging	✓		✓
Two-way messaging			✓
Acknowledge			✓
Data send and Data with prefix			✓
Push-button alarm		✓	✓
Man-down and No movement alarm		✓	✓
Pull cord alarm		✓	✓
Location with Ascom IR and LF technologies		✓	✓
Acoustic Location Signal (ALS)		✓	✓

Help is just a button-push away

You can pre-program different security alarms for different situations. In an emergency, just press the alarm button. Your position is located with excellent accuracy, and back-up dispatched to your assistance without delay. Thanks to the IR & LF positioning features, the alarm can be used both indoors and outdoors. Select the positioning system that best suits your environment.

Automatic alarms

An alarm is automatically sent if the unit is taken from the user by force or if the user is in a horizontal position or immobile for a pre-defined period of time. A blink, vibration or beep signal will sound before the alarm is sent in case the alarm was triggered accidentally, thereby eliminating false alarms.

Intrinsically safe versions

The Ascom a72 Pager and a72 Protector are also available in EX versions – approved for use in potentially explosive environments.

Accessories:

– Leather case

– Charging rack for 6 unites

– Single charger

– Battery pack charger

Ascom a72 technical specifications

BODY
Dimensions: (l × w × d): 104 × 62 × 36 mm incl. clip
Weight: 123 g incl. battery
Material: PC/ABS, TPE
Color: black
Clip: Hinge-type (standard

ENVIRONMENTAL
Operating temperature: –10°C to +55°C
Storage temperature: b –20°C to +55°C
Enclosure protection: IP64, IEC EN 60529
Immunity to electromagnetic fields: 3 V/m, EN 61000-4-3 Immunity to ESD: 8 kV contact discharge and 16 kV air discharge, EN 61000-4-2
Free fall test: IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter, specification extended to 1.5 meter

LANGUAGES
Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish

RADIO
Frequency range: 420–475 MHz
Modulation: FSK
Channel spacing: 6.25/10/12.5/25 kHz
Deviation: 2.5 kHz Antenna: Integral
Sensitivity: 13 µV/m
Radiated power: 50 mW ERP (TBD ATEX/UKEX/IECEx)

DISPLAY
Display (w × h): 142 × 80 DOT Matrix LCD (35 × 24 mm active area)
Simultaneously showing rows: Depending on font: 6 (small), 5 (medium), 4 (large) Scroll bar indicates that there are additional rows
Max. No. of charcters per row: 27–32 (small), 23–28 (medium), 17–22 (large)

LOCATION[1] AND ALARM (ALARM AND PROTECTOR VARIANTS ONLY)[2]
Location types[1]: Infrared (IR), Low Frequency (LF)
Alarm types[2]: Push button, man-down, no-movement and/or pull-cord

BATTERY AND CHARGING
Type: Li-Ion
Charge time: a Approx. 2 hours
Discharge/charge cycles: ≥80% capacity left after 400 full charge/discharge cycles

MESSAGING (Pager and Protector versions)
Message length: Up to 128 characters per message
Storage capacity: 20 messages[1]

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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.