



Ascom a51 Alarm Transmitter

Features & Options at a glance

- 2 push-buttons for configurable alarms
- Warning tone before alarm transmission to avoid unintentional triggering plus acoustic 2-tone location signal (ALS)
- Leather case*
- SIM card for personal settings
- Protected name label and name label kit*
- Location (IR and LF)*, battery check, clip release functions
- Vibrating alert
- Single charger* and charging rack: PCR-M (master), PCR-E (extension)*

Technical specifications

Size: 3.34 × 2.24 × 1.29" incl. clip

Weight: 3oz (basic version) incl. battery

Material: PC/ABS, TPE

Color: Steel Grey

Clip: Hinge-type

Battery type: Li-Ion

Operating time: 168 hours incl. 1 alarm/day (no man-down/no-movement alarm, no location function)

Alarm types: 2 push-button alarms (normal, soft), test, battery alert, pull-cord, man-down*, no-movement alarm*

Location: Infrared Light (IR)*, Low Frequency Magnetic Field (LF)*

Sound pressure level: approx. 95dBA at 3.93"

RF range: 450 - 460MHz

Modulation: FSK

Channel spacing: 12,5/25kHz

Deviation: 1.5/3.0kHz

Antenna: internal, integrated

Radiated power: 20mW ERP

IR detection: max. sensitivity at 950nm

IR carrier frequency: 39.6kHz

IR sensitivity: 55.77' line of sight from locator

LF carrier frequency: 39.6kHz

LF Sensitivity: 9.84' in free space when locator is set to max. range

Operating temperature: 50° to 131°

Storage temperature: -4° to 158°

Enclosure protection: IP40, IEC EN600529

EM field resistance: 3V/m (EN61000-4-3)

ESD resistance: 4kV contact, 8kV air discharge (EN61000-4-2)

Free fall test: IEC 60068-2-32, procedure 1, dropped 12 times from 4.9'

EU directives: 73/23/EEC(LVD), 89/336/EEC(EMC), 1999/5/EC (R&TTE)

Product marking: CE

Radio: EN300220-1, EN300296-1, EN300224-1, EN300330-1 (only LF receiver spurious)

Safety: EN60950-1

EMC: EN301489-1, EN301489-3

*Additional option. Features, specifications and options subject to change without notice.

On-site wireless communication
for quicker response

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