



### DESCRIPTION

COBS alarm transmitter PAL / PAL+ / PAT+ is a series of portable alarm transmitters with features that provides increased security and personal safety.

It is small and handy transmitter that can be worn in several ways. Users themselves can raise the alarm by pressing the alarm button. The alarm is sent to the radio receiver A-TRAX or A-TRAX IP that forwards the alarm to COBS Alarm and Message Server CMS. The alarm can then be displayed on various devices such as COBS wireless DECT phones, via the web interface and a GSM phone.

All alarm transmitters has a continuous battery monitoring and warns if the battery level is low.

PAT is an alarm transmitter with push button without the possibility of replacing the batteries. IP 67 rated (waterproof).

PAT + is as PAT but with the possibility for the customers to change the battery. The device is IP67 classified (waterproof) provided the battery has been properly exchanged by the user.

PAL + is an alarm transmitter with integrated location receiver. PAL + detects A-RFID location beacons and thus can give accurate position data when an alarm is raised either manually or passes a position that automatically delivers position data. Automatic alerts could be used for dementia alarms.

PAL + also has built-in motion sensor alarm or inactivity alarms, and can therefore give an alarm when a period of inactivity occurs.

Programming of the units is done via radio.

### TECHNICAL DATA

Data:

#### Alarm initiators

- Single push
- Double push
- Battery status
- Location detection (PAL+)
- Inactivity (PAL+)

#### Typical range

- Indoor 30-70 meters
- Outdoor 50-500 meter

#### Typical life time of battery

- PAT 4 - 5 years
- PAT+ 4 - 5 years
- (approx. 30,000 transmissions)
- PAL+ Approx. 2 years given 100 location detections, 10 alarms and heartbeat per day.

#### Other Approvals

- 50134-2

#### Conformity with

- 2014/30/EU Electromagnetic Compatibility (EMC)
- 2014/53/EU Radio Equipment Directives (RED)
- 2014/35/EU Low Voltage (LVD)
- 2011/65/EU Restriction of Hazardous Substances (RoHS)

#### Technical data

- Size (L x W x H) 45,5 x 35 x 13,6 mm
- Weight: 15g
- 869,250 MHz
- IP 67 (water/dust)
- Powered by battery
- Battery CR 2430
- 2-way radio
- Zone id
- 65 000 positions id.

#### Accessories

- Elastic wrist band
- Neck cord
- Safety strap