



BOSCH
Invented for life

S37L Wristband Transmitter with Locating function



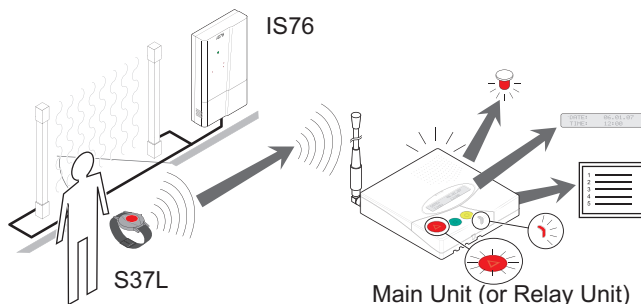
- ▶ Locating at detection beacons
- ▶ Freedom of movement for the patient
- ▶ Guarantees fast intervention of staff
- ▶ Modern and attractive design
- ▶ Worn on the wrist or as a medallion
- ▶ Waterproof
- ▶ Battery-level monitor
- ▶ Battery lifetime of 18 months

Waterproof and lightweight, the S37L Wristband Transmitter with Locating function enables the user to summon help at any time by pressing a button, which will activate a radio signal to a wireless NurseCall system. It may be worn comfortably as a wristwatch or as a medallion with an adjustable cord. Additionally, the S37L Wristband Transmitter with Locating function allows to locate a patient within a building, giving him freedom of movement while still being under control of staff.

The S37L Wristband Transmitter with Locating function automatically detects the coded magnetic field of the IS76 (or IS75) beacon.

At alarm triggering, the S37L sends the call for help to the NurseCall Main Unit as well as the position of the last passed beacon.

System Overview



The S37L Wristband Transmitter with Locating function is built to interact with the following devices:

- IS75 or IS76 beacon controller
- NurseCall Main or Relay Unit

Functions

By pressing the button of the S37L Wristband Transmitter with Locating function, you can activate a call for help and the LED indicator of the transmitter will blink once.

In the meantime, the button and the LED indicator of the Main or Relay Unit will start blinking. An alarm/event data is displayed on the Main or Relay Unit and is stored in the buffer of the system.

Cancelling an alarm can be done in two ways. It is always possible on the Main or Relay Unit, or can be done locally by a magnet on the S37L Wristband Transmitter with Locating function, available as an option.

The S37L Wristband Transmitter with Locating function can also be used to locate the patient. The Transmitter sends the call for help and the position of the last passed beacon. It can also be used to automatically generate an alarm if the person is approaching a forbidden door/zone ("Dementia" alarm).

The S37L Wristband Transmitter with Locating function offers an IP67 waterproof protection and has a built-in automatic battery monitoring with battery low transmission. To ensure correct functioning, it will send an automatic radio daily message to the receiver through radio monitoring. The call button is available in black.

Certifications and Approvals

CE
R&TTE 1999/5/EC
LVD 73/23/EEC
EMC 89/336/EEC
EN 50130-4
EN 300220-2
EN 60950-1
EN 301489-3

Parts Included

| Quant. | Component |
|--------|---|
| 1 | S37L Wristband Transmitter with Locating function |

Technical Specifications

| | |
|-------------------------|---|
| Dimensions (H x W x D) | 48 x 42 x 13.5 mm |
| Weight | 22 g |
| Frequency | 434.01 MHz |
| Protection class | IP 67 (EN 60529) |
| Power supply | 3V lithium battery CR2025 |
| Consumption | Transmission: < 20 mA Idle mode: < 7 µA |
| Battery life | 18 months, under following conditions: 3 alarms transmissions without repetition per day and 1 daily test transmission (incl. battery status) 15 door beacons passed with a 1-minute pause in the detected area |
| Battery alarm | at approx. 20 % remaining |
| Automatic battery test | daily check and at every alarm |
| Permissible temperature | 0 °C to 55 °C |
| Stability (0 to +55 °C) | < 3 KHz |
| Modulation: | FSK |
| Antenna | Integrated loop |

| | |
|-----------------------------|------------------------|
| Radiated power | 50 µW |
| Transmission time | 2 x 1300 ms |
| Pause between transmissions | 200 to 600 ms (random) |
| Minimum range in free field | 250 m |

Ordering Information

| | |
|--|---------------------|
| S37L Wristband Transmitter with Locating function | CRS-SB-424FI |
| S37L Wristband Transmitter with Locating function without dementia alarm | CRS-SB-425FI |
| S37L Wristband Transmitter with Locating function only dementia alarm | CRS-SB-426FI |
| S37L Wristband Transmitter with Locating function without manual trigger | CRS-SB-428FI |

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
38C Jalan Pemimpin
Singapore 577180
Phone: +65 6319 3453
Fax: +65 6319 3499
apr.securitysystems@bosch.com
www.boschsecurity.com