

S37 Wristband Transmitter



- Modern and attractive design
- Worn on the wrist or as a medallion
- Easy to use
- Waterproof
- Battery-level monitor

Waterproof and lightweight, the S37 Wristband Transmitter 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.

Functions

By pressing the button of the S37 Wristband Transmitter, you can activate a call for help and the LED indicator of the transmitter will blink once. The care personnel is immediately informed by the NurseCall system through the Main or Relay Unit and the connected devices. 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 S37 Wristband Transmitter, available as an option. The S37 Wristband Transmitter 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 red or black. In addition, signaling devices can be connected to the Main or Relay Unit: a red light placed over the room door, a corridor display, as well as pagers.

Certifications and Approvals

R&TTE 1999/5/EC

EMC 2004/108/EC

LVD 2006/95/EC

EN 50371 (2002)

EN 55022 (2006, A1: 2007)

EN 60950-1 (2011)

EN 300220-2 V2.3.1

EN 301489-1 V1.8.1

EN 301489-3 V1.4.1

EN 50130-4 (1995, A1: 1998, A2: 2003)

Parts Included

| Quantity | Component |
|----------|---------------------------|
| 1 | S37 Wristband Transmitter |

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: < 3µA |
| Battery life | 3 years, under the following conditions: 3 alarms transmissions without repetition per day and 1 daily test transmission (incl. battery status) |
| 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 |

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