

# Tx Transmitter



- Can be worn on the wrist, as a medallion, or clipped to clothing
- Optical signaling of alarm triggering
- Waterproof protection
- Automatic radio link monitoring
- Automatic battery monitoring with LED display

The Tx Transmitter is designed to trigger alarms, such as emergency calls, with the touch of a button. These alarms are sent to a Carephone which handles them accordingly.

## Functions

The alarm signal is sent by radio to a Carephone and from there it is forwarded via the telephone network to a receiver. This receiver can be a monitoring center or a private telephone. Incoming telephone calls can also be accepted and terminated by pressing the button of the Tx Transmitter.

The Tx Transmitter distinguishes itself with its small, lightweight, and robust construction. The large, easy-topress button guarantees quick and secure triggering. The housing is waterproof, so the transmitter can be worn anytime at home. The LED on the top of the housing works as an optical indicator when an alarm is triggered and announces when the battery power has reached a predetermined value. The battery can be changed by a social alarm service provider.

The radio link between the Tx Transmitter and the Carephone is monitored automatically and interferences are reported to the Carephone.

The Tx Transmitter is available with the radio frequency reserved in Europe exclusively for social alarm calls: 869 MHz.

The Tx Transmitter can be worn in three ways:

- as a medallion with an adjustable necklace and strangulation protection (safety lock)
- on the wrist with a flexible wristband
- clipped to clothing.

## Certifications and Approvals

Approvals	CE 0682
R&TTE 1999/5/EC	
LVD 2006/95/EC	
EMC 2004/108/EC	
EN 50130-4	
EN 300220 -2	
EN 60950-1	
EN 55022	
EN 50371	
EN 301489-1	
EN 301489-3	

## Parts Included

Quantity	Component
1	Tx Transmitter
1	Wristband
1	Necklace
1	Clip
1	Operating instructions

## Technical Specifications

Dimensions (H x Ø)	11 x 41 mm
Weight	15 g
Frequency	869.2125 MHz
Protection class	IP 67 water-proof and dust-proof
Power supply	Replaceable lithium battery CR2430
Consumption	Transmission: max. 22 mA Idle mode: max. 3 µA
Battery life	Typically 5 years, under the following conditions: 1 alarm transmission per day
Automatic radio link and battery monitoring	every 21 hours
Permissible temperature	-10 °C to 55 °C
Storage temperature	-20 °C to 80 °C
Stability (-10°C to +55 °C)	< 2.5 kHz
Modulation	FSK
Antenna	Integrated loop
Radiated power	Typ. 320 µW
Environmental class	II
Maximum range in free field	300 m

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