

# Wireless wristband transmitter with GPS (and Advanced Safety Wristband)

**Art.: ERTW0018**

**Art.: ERTW0018-1**

**Art.: pendant version**



*Wireless wristband transmitter with GPS*

## Description

### What is a Wireless wristband transmitter with GPS?

The Wireless Wristband Transmitter with GPS is a wearable device featuring a red emergency call button. It connects via Bluetooth and switches to LTE when Bluetooth is out of range, ensuring continuous communication. The GPS functionality provides precise location tracking, particularly when Bluetooth is unavailable.

## Versions available

- **Classic Version (art: ERTW0018):** A wristband that can be removed with no special tool.



- **Dementia Version (art: ERTW0018-1):** A wristband with a secure locking mechanism that requires special tweezers to remove, ensuring it stays on (ERTW0016-1-4).



- **Pendant Version:** A housing on a lanyard designed to be worn as a pendant around the neck, offering a discreet, comfortable option for those who prefer not to wear a device on their wrist.



## Features

- Emergency call button (red) for immediate SOS call.
- LED (red) for indicating call.
- Location Display (via Bluetooth or GPS).
- Battery alarm (alerts when the battery level reaches a critical low point).
- Magnetic charging connection.

- Waterproof membrane keypad.

## Benefits

- **Immediate Assistance:** Provides a quick response in critical situations, allowing for timely intervention and ensuring the wearer's safety.
- **Indicating Call:** The LED visual indicator provides clear feedback, ensuring users that the call is in progress, reducing confusion or anxiety in stressful situations.
- **Enhanced Coverage:** Triggering an alert to caregivers and displaying the location via GPS or Bluetooth with reliable coverage in various environments.
- **Reliable Operation:** Ensures the device remains functional and ready for use by notifying staff ahead of time, preventing potential failures in critical moments.

## Best Settings

- Nursing Homes.
- Long-Term Care Facilities.
- Rehabilitation Centers.
- General Wards.

## Technical specification

### Network

- Bluetooth:
  - Version: 5.4
  - Transmission Power: 10mW (Class 2)
  - Range: Up to 10 meters (Class 2)
  - Frequency Range: 2.4 GHz ISM Band (2.402 GHz - 2.480 GHz Utilized)

### Power supply

- Battery:
  - Type: LiPo Battery
  - Nominal Voltage: 3.7V
  - Nominal Capacity: 260mAh

- Rechargeable/Non-Rechargeable: Rechargeable

- Charging: magnetic charging

#### **GNSS Frequency Bands:**

- GPS, GLONASS, BeiDou/Galileo, QZSS

#### **Dimensions**

- W:40mm / H:48mm / D:14mm (without wristband)

#### **Weight (Net)**

- 40g

#### **Material**

- Housing: ASA (UL 94 HB)
  - Sealing: TPV 50A
- Waterproof membrane keypad
- Strap: Silicon; Dementia strap: PVC & TPU Coated webbing

#### **Other**

- Operating Temperature: +5°C to +40°C
- Operating Humidity: Up to 85%, Non-Condensing
- SIM:
  - Format:
    - nano-SIM (4FF)
    - eSIM
  - Network type:
    - NB-IoT / LTE cat M1

Compliant and tested with CE certification requirements.

Compliant and tested with DIN VDE 0834 requirements.

\*Disclaimer: All product specifications, including dimensions, weight, features, and performance, are subject to change. Please verify all details before purchase to ensure accuracy.