

# TWIG Remote Button

## Quick Guide

TWIG Remote Button is a light and wearable Category 2 short range device (SRD) designed to be worn on the neck or on the wrist and situated near to its base station. Paired with a nearby SRD or SRD3 enabled TWIG personal alarm device as its base station, it enables remotely launching MPTP protocol messages with a single push of button.

Manufacturer:  
Twig Com Ltd.  
24910 SALO, Finland  
www.twigcom.com



## RADIO FREQUENCY (RF) ENERGY

Transmission frequencies and power for TSW90EU device types in EU are listed in the table below.

Transmitter	TX frequency bands / MHz	Max power / dBm
SRD	868.229	5

Operating frequency: 868.229 MHz (EU), 918.219 MHz (AU)  
SRD transceiver category 2. Not approved for use as a social alarm in EU.

Due to differences in use, installation and hardware, all settings and functions may not be applicable to each device version. Detailed configuration instructions are available in TWIG Configuration Guide. For any further questions please contact TWIG Support at [support@twigcom.com](mailto:support@twigcom.com) or +358 40 510 5058.

## 1. Programming of TWIG Remote Button

TWIG Remote Button can have different power supply options. Typical version has integrated Lithium coin battery giving typical 5 000 alarm cycles or 5 year of operating time.

TWIG Remote Button is paired to a TWIG personal alarm device which is connected to a PC and a TWIG Configurator PC program. View detailed information in the TWIG Configuration Guide. TWIG Remote Button may also be linked wirelessly with OTA programming. The serial number and device ID number are printed on the device type label.

## 2. Using TWIG Remote Button

TWIG Remote Button can be worn on wrist, as a necklace or in pocket. It is activated by pressing the red button. Red colour LED will lit to inform the message is sent. When TWIG personal alarm device acknowledges the received message, it will send confirmation back to TWIG Remote Button. This will turn the LED to green. If there is no acknowledgement, TWIG Remote Button will try it 3 times and then stop sending.

Pressing the red button will launch remote process, according to settings programmed to TWIG personal alarm device, which enables the sending of the message cause to ARC (Alarm receiving centre).

Using TWIG Remote Button inside or areas with RF interference may damp the signal and can even totally prohibit the use of the TWIG Remote Button. Typical range inside is 10-20 meters and outside 40-50 meters.

## 3. Safety & recycling

Usage: -20°C to +50°C, Storage: -30°C to +70°C. Do not open the device or battery by yourself or pierce holes in it. Rough handling may break the circuitry inside the device. Do not drop, knock, twist or shake the device or its battery. Even though the device is waterproof, do not wet the device unnecessarily or immerse it in water. Protect the device from heat. High temperatures may shorten the life of electrical devices, melt or warp plastics and damage batteries. Do not warm up the device or battery or use it near fire. Do not short-circuit the battery or battery contacts. Clean the device with a soft cloth, dampened slightly with mild soapy water. Do not clean the device with harsh chemicals, solvents or other corrosive substances. Only allow service personnel authorised by the dealer to service the device.

## BATTERY CARE, MAINTENANCE AND DISPOSAL

The amount of actual alarm cycles depends on the interval used for reading. If the device button is pressed several times within minute it will shorten the battery life dramatically. Typical read interval where maximum performance can be achieved is few times per day. When storing unit for a long time, it should be kept cool in a dry place.

Integrated lithium batteries and the device itself should be disposed of according to the country-specific regulations.