

Installation and user instructions
Complete EnOcean Plana wall-mounted transmitter

Product reference. 10020001, 10020019, 10040001, 10040002, 10040004



1. Overview

1.1 Usage

The **O₂LINE** wall-mounted transmitters **10020001**, **10020019** and the kits **10040001**, **10040002**, **10040004** form an integral part of

the **TRIO₂SYs** radio system. The radio signal is transmitted at 868.3 MHz, the European standard frequency. It is particularly suited to electrical installations which are not built-in, such as,

for example: renovations, modifications to domestic installations or offices with moveable partitions. Just press the switch to remotely control a variety of equipment via the receivers. Before use, the switch must be paired with a receiver (see the receiver documentation for programming). Each switch can control an unlimited number of receivers.

Note:

- It does not require a battery or any maintenance!
- Read the user instructions carefully before activating.



1.2 Warranty clauses

This operating manual is an integral part of the device and our warranty conditions. It must always be issued to the user. We reserve the right to alter the construction techniques of our devices without prior notice. **TRIO₂SYs** products are manufactured and their quality is controlled using state-of-the-art technologies and based on applicable French and international directives. If, however, a fault should occur, **TRIO₂SYs** undertakes to rectify a fault as follows, without prejudice to the rights of the end user pursuant to the contract of sale with the reseller:

If a legitimate and lawful claim is made, **TRIO₂SYs**, at its sole discretion, shall repair the fault in the device or shall supply a device which is not faulty. Any claim over and above and any request for compensation for consequential damages is excluded.

A legitimate fault exists if the device is unusable at the time of delivery to the end user because of a design or manufacturing defect or if its practical use is significantly limited. The warranty shall be void in the case of natural wear, misuse, incorrect connection, where the device has been repaired or external influence. The warranty period is 24 months (invoice date). The warranty rights shall be governed by French law.

1.3 Recycling the device

To recycle the device, comply with the legislation and regulations in effect in the country where the device is used.

2. Safety

Pay attention to the following points:

- The laws, standards and directives in force.
- Industry best practice at the time of installation.
- The device's operating manual.
- Any operating manual can only give general instructions. They should be interpreted in the context of the specific installation.

The device is designed to be used solely in compliance with its purpose. Any repairs or modifications made by the user are prohibited! Do not use with other devices, the operation of which could endanger people, animals or property.

3. Technical properties

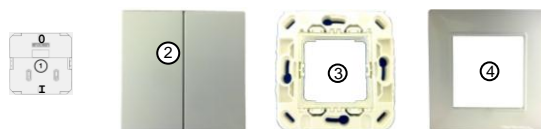
General properties	
Transmission frequency	868,3 MHz
Transmission power	10 mW max.
Operating temperature	from -25°C to +65°C
Storage temperature	from -25°C to +65°C
Switching cycles	>50 000
Certifications	CE and R&TEE directive 1999/5/CE
Relative air humidity	from 5% à 95%

Range in buildings

Masonry	20m, through a maximum of 3 walls
Reinforced concrete	10m, through a maximum of 1 wall/ceiling
Plasterboard/Wood	30m, through a maximum of 5 walls

Note: The signal strength between the transmitter and the receiver reduces as the distance increases. For line-of-sight connection, the range is approximately 30m in corridors and 100m in large spaces. The signal strength can be increased with a **O₂LINE** repeater.

4. Fitting and activation



4.1 Fitting advice

- Do not use outside (closed areas only)
- Create a flat surface before fitting on rough surfaces. Unevenness may lead to the switch malfunctioning.
- When fitting, ensure you adhere to the specified fitting position (**O** = top, **I** = bottom) shown on the rear of the switch (**1**).
- NEVER fit the wall-mounted switch in a metal case or close to large metal objects. It is not advisable to fit it close to or on the floor.

4.2 Fitting

- fix the switches (**2**) onto the transmitter (**1**), then the assembly onto the mounting (**3**)
- Use the mounting as a drill plate and mark the holes to be drilled.
- Drill holes for the 5mm wall plugs.
- Fasten the assembly using screws and wall plugs.
- Position and engage the frame (**4**) on the assembly.

4.3 Activation

- Fit the receiver (to be carried out by a specialist electrician only).
- Pair the wall-mounted transmitter with the receiver.

Note: The wall-mounted transmitter is designed for indoor usage. Do not fit it in areas which could come into contact with water! To clean it, wipe it with a damp cloth.

5. Troubleshooting

5.1 New or existing installation

- Check the circuit breaker, the power supply and the power connected to the receiver paired with this transmitter (professional electricians).
- If the receiver functions at a shorter distance relative to the transmitter, it is subject to interference or used outside the transmission range.
- Search the system environment for changes that could cause the interference (for example movement of metallic cabinets, furniture or partitions)
- Use the transmitter or receiver in a suitable location.
- Reset the receiver and repeat the pairing process.

5.2 Automatic activation of the receiver

- The cause of this may be the activation of a sensor or transmitter outside the system which has been coincidentally programmed to the receiver.
- Reset the receiver and repeat the pairing process.

5.3 Limitation of the radio signal range

- Transmitter/receiver used near to metal objects or materials containing metallic elements. Maintain a distance of at least 10cm.
- Moisture in the equipment.
- Devices which emit high frequency signals such as audio and video equipment, computers or electronic ballasts for fluorescent tubes. Maintain a distance of at least 0.5 m.

5.4 Contact information

E-mail address:..... contact@trio2sys.fr

6. Declaration of conformite

These products may be sold and used in the countries of the European Union, Switzerland, Island and Norway. **TRIO₂SYs** hereby declares that the transmitters **10020001**, **10020019** and **10040001** comply with the essential requirements and other applicable provisions of directive 1995/5/CE, known as the R&TTE Directive. For more details about the standards applied visit www.trio2sys.fr

D.Girard