

Overview

Transmitters allow you to manage 1 group of automation. Every group is formed by three different channel. The button is for install the device on the receiver.

They are powered by two 1.5V-alkaline battery AAAA (included).

Description of the product

All the transmitters

The circuit consists of:

- The U2 transceiver works like a transmitter; the signal taken from the TX-PIN (pin-4 of U2) passes through the filter, composed of passive components and reaches the Loop type aerial, engraved on a printed circuit, providing a guarantee of stability as regards its characteristics and, consequently, the complete lack of calibrations. The X1 is a 30MHz oscillator that guarantees the exact oscillation base frequency for the PLL-circuit build inside the transceiver.
- The code is generated by the integrated circuit U1 and consists of a train of 224 pulses lasting 17.6ms followed by a pause of another 100ms; as the code is the "Rolling Code" type, it changes each time the push button on the remote control is pressed, or a new gesture message is sent.
- The Antenna is a $\lambda/4$ antenna integrated on the PCB.