

Overview

Transmitters allow you to manage 1 group 2 or 6 group of automation. Every group is formed by three different channel. By channel we mean a different code and not different frequency bands.

The WM001GI/U is 1 group transmitter, the WM002GI/U is 2 group transmitter and WM006GI/U is 6 group transmitter.

All models have exactly the same circuit while the number of push buttons, the handling of a different number of push buttons is on the firmware.

They are powered by two 3.0V-litio battery CR2032 (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 U3 and consists of a train of 112 pulses lasting 17.6ms followed by a pause of another 82.4ms; as the code is the "Rolling Code" type, it changes each time the push button on the remote control is pressed.