User Manual
Wireless System Receiver ZP2-RX

Made in Poland.

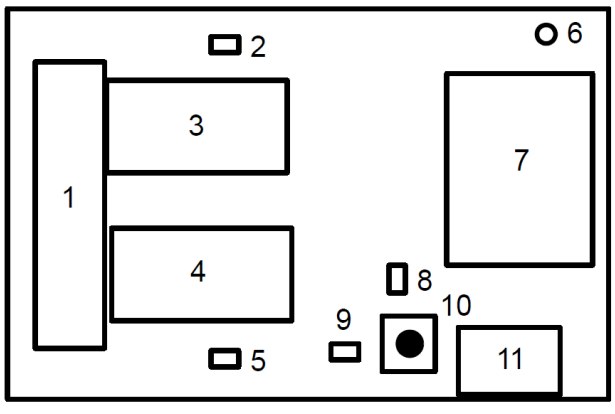
Installation, maintenance, operation, safety
Particular attention in the design process was devoted to the quality standards of the device, where the most important factor is the safety of use.
The device should be installed by a qualified installer.
Do not open the device. There are no user-serviceable parts inside. Service work may only be performed by qualified service!
Before connecting the device to the power supply, check that the supplied voltage complies with the rated voltage specified in the manual.
If this product is defective it should not be used until it is repaired.
Ensure free air flow through the ventilation slots.
Do not allow foreign objects to enter the device through the ventilation slots. It may cause fire, electric shock, or product failure.
Protect the device from moisture, and do not expose the product to direct sunlight or other heat sources.
Handle the product with care. Vibration, impact or a fall from a short height can damage the device.
Unauthorized persons (including children) must not be allowed to the device.
Avoid using this device during a thunderstorm.
Warning! We recommend using protections in order to additionally protect the device against possible effects of overvoltages in the installations. Overvoltage protections are effective protection against accidental applying of voltages higher than the rated voltage to the device. Damage caused by applying voltages higher than those specified in the manual are not subject to warranty repair.
The manufacturer reserves the right to introduce design and technological changes which do not lower the quality of the product.

Correct disposal of the product:
The marking with the crossed out bin indicates that this product cannot be disposed of with other household waste throughout the EU. To avoid possible risks to the environment or health from uncontrolled waste disposal, it should be sent for recycling, thus promoting the sustainable use of natural resources. To return a used product, use the collection and storage system for this type of equipment or contact the seller from which it was purchased. It will then be recycled in an environmentally friendly manner.

1. Device description

The ZP-2 system enables wireless control of devices using the ISM 433 MHz band. The remote control has 2 separate channels. Receiver is powered by 12V DC. Works with the ZP2-TX transmitter. Up to 128 transmitters can be connected to the system.

1. Relay outputs
2. Relay No. 1 LED indicator
3. Relay No. 1
4. Relay No. 2
5. Relay No. 2 LED indicator
6. Antenna
7. Radio module
8. LED indicator – programming
9. LED indicator – power supply
10. Programming button
11. Power supply connectors



The device can work in one of three operating modes: monostable, bistable and time-based. The operating mode is set in the transmitter.

Monostable mode – shorting to the ground of the transmitter input causes switching on the relay in the receiver. Disconnecting the ground from the transmitter input switching the relay off.

Bistable mode – single short-circuit of the input to the ground causes the change of the relay operation state.

Time-based mode – a short-circuit to the input ground for a while causes switching on the relay output in the receiver for a predefined time.

2. Adding the transmitters

The ZP2-RX can work with up to 128 transmitters. Each transmitter input is programmed separately.

To add a transmitter to the system, press the programming button. The programming mode is signaled by the flashing of the red LED. Short-circuit the input in the transmitter assigns it to the receiver. To finish the transmitters adding mode, press the button again.

3. Deleting the transmitters

It is not possible to delete a single transmitter. However, you can erase the entire memory. To do this, hold down the programming button for 7 seconds (The LED will start blinking and then shine steadily. After releasing the programming button, it will turn off).

4. Technical specification:

Number of channels	2
Frequency band	433 MHz
Outputs type	2 x NO/NC
Outputs load	5 A/30 V DC or 10 A/230 V AC
Power supply	12 V DC