# 4PRO WC433-21 GENERATOR WIRELESS REMOTE CONTROL SET


This set is designed to wirelessly control any electric start generator having a remote start input or being specially adapted for this purpose.

It includes a 2-button transmitter and a receiver with relayed normally open (NO) and normally closed (NC) contact groups.

The set could remotely start and stop a generator on 10-100 meter distance depending on possible obstacles between transmitter and receiver directly connected to generator.

## 4PRO WT433-02 GENERATOR WIRELESS REMOTE CONTROL TRANSMITTER


TECHNICAL SPECIFICATIONS:

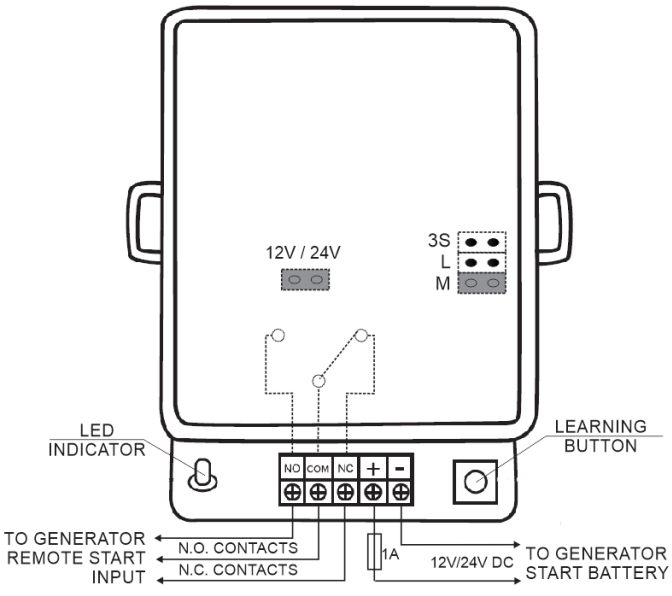
- Current consumption in active state: ≤12mA
- Working frequency: 433.92 MHZ
- Modulation: AM
- Transmit distance: 10-100m
- Dimensions: 61×30×12mm

## 4PRO WR433-01 GENERATOR WIRELESS REMOTE CONTROL RECEIVER

TECHNICAL SPECIFICATIONS:

- Voltage: 12V DC or 24V DC depending on configuration settings
- Working temperature: -30℃-+70℃
- Frequency: 433MHz
- Memory capacity: 30 learning/fixed code transmitters
- Standby current consumption: ≤9mA
- Relay current output rating: up to 5A
- Dimensions: 62×43.5×30mm

RECEIVER CONFIGURATION SETTINGS




To change the configuration jumper settings, please remove a receiver plastic case by loosening two screws from the device bottom side.

**3S-Jumper (if closed):** to activate the relay for 3 seconds only;

**L-Jumper (if closed):** to activate/deactivate the relay by the ON button only with both state fixed;

**M-Jumper (if closed):** to activate the relay by the ON button and deactivate by the OFF button;

**If all above-mentioned jumpers are opened:** to activate/deactivate the relay by the ON button only without fixed state;

**12V/24V-Jumper:** 12V DC (if closed) or 24V DC (opened).

**Note:** M-Jumper must be closed for the most of the generator controllers.

## ADDING NEW TRANSMITTER TO RECEIVER MEMORY

Press and release the LEARING button on the receiver. The LED should turns on and off showing that the device comes to the learning mode. Then press any transmitter button and wait until the receiver LED will flash 5 times signalizing about adding the transmitter to own memory. After it the receiver returns to normal operation mode.

## REMOVING ALL TRANSMITTERS PREVIOUSLY ADDED TO RECEIVER MEMORY

Press and hold the LEARNING button on the receiver during 8-15 seconds until the LED turns OFF showing that the receiver memory is cleaned. After it the receiver returns to normal operation mode.

## RECEIVER INSTALLATION

Mount the receiver in any dry place. The receiver should be placed out of any metal boxes or other obstacles limiting radio signal power. The device antenna could be straightened to provide better sensitivity.

## RECEIVER CONNECTION

The receiver relay output pair (NO+COM or NC+COM) have to be connected to remote start inputs according to specific generator controller requirements.

Receiver could be powered via 12/24V DC generator start battery or any other stabilized DC power supply.

Note: To prevent the device damage, this connection must be made via 1A fuse.