

[Skip to content](#)

## **Manuals+**

User Manuals Simplified.

# velleman VM130V2SET 2-Channel RF Remote Control Set with WiFi Interface User Guide



[Home](#) » [Velleman](#) » velleman VM130V2SET 2-Channel RF Remote Control Set with WiFi Interface User Guide

Contents [hide](#)

[1 velleman VM130V2SET 2-Channel RF Remote Control Set with WiFi Interface](#)

[2 In the Box](#)

[3 Overview](#)

[4 Mounting the Receiver](#)

[5 Pairing a transmitter to the receiver](#)

[6 Connecting the receiver to the TUYA IoT cloud \(optional\)](#)

[7 Connecting a device to the Relays](#)

[8 Clear transmitters from receiver memory \(reset\)](#)

[9 Using the VM130V2set with the TUYA app](#)

[10 Documents / Resources](#)

[11 Related Posts](#)

# velleman®

velleman VM130V2SET 2-Channel RF Remote Control Set with WiFi Interface



**In the Box**

## In the Box

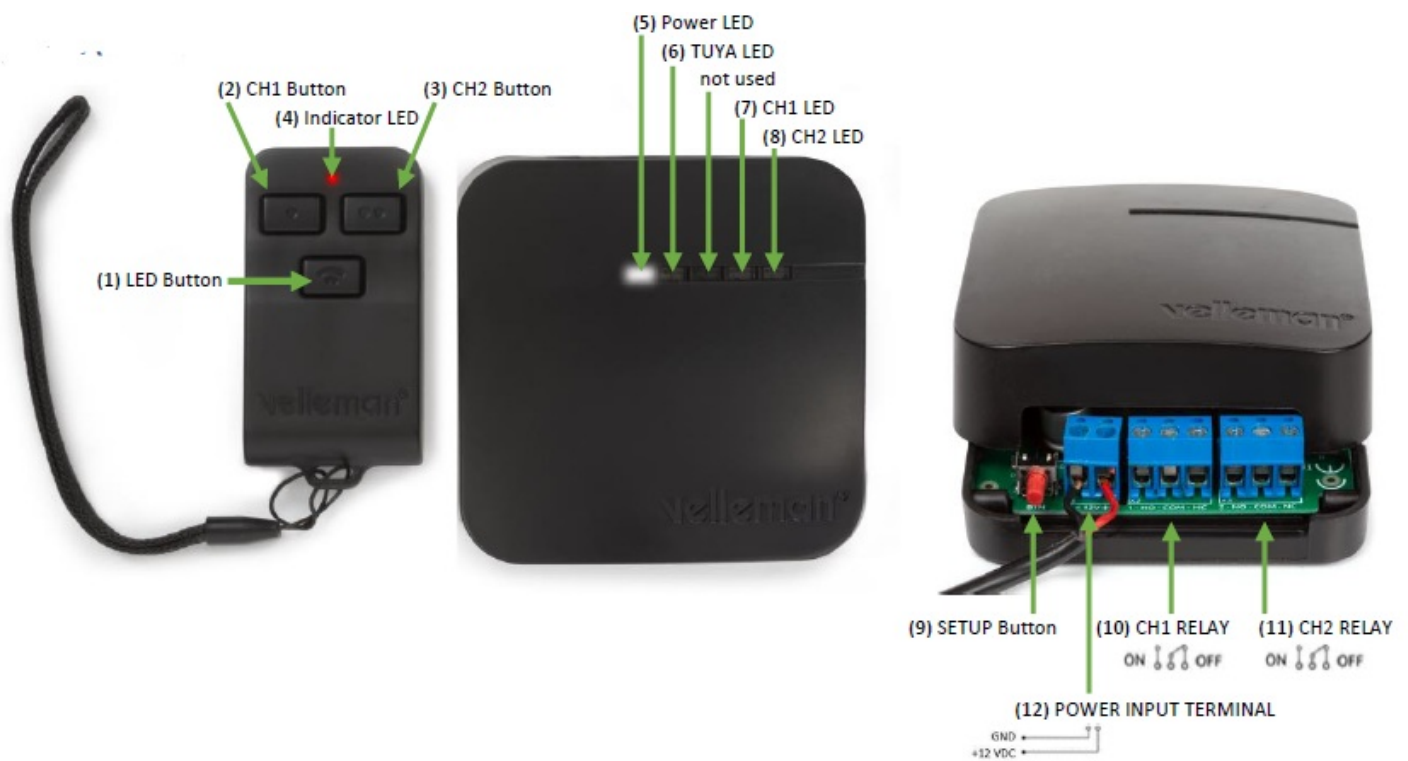


- **A. Transmitter (VM130V2-T)**
  - 1x 8LR932 12V battery included
  - RF 433 MHz operation < 10 dBm
- **B. Receiver (VM130V2-R)**
  - Input 12 VDC – 1 A
  - RF 433 MHz operation < 10 dBm
  - WLAN 2.4 GHz operation < 20 dBm
  - $\mu$  T35
- **C. Power supply (PSS6E1210C1)**
  - 12 VDC – 1 A

## Warnings

- This VM130V2SET is suited for indoor use.
- The VM130V2SET cannot be used to operate machines.
- Replace the transmitter's battery if transmission becomes weak.
- Do not mount the receiver in the proximity of other electronic devices or metal objects to guarantee a good reception of the wireless signals.
- Always use fresh batteries before changing the code of the transmitter. Otherwise, the transmitter can be damaged.
- If you use another power supply other than the one provided in the package, please check that the output specifications are 12 VDC – 1 A. Different specifications will damage the device permanently.

## Overview



## Mounting the Receiver



The receiver can easily be mounted against a wall or ceiling with the 2 mounting holes in the back of the case. The mounting holes have a diameter of 6,3 mm and the center points are 62,9 mm apart from each other. Loosen the 2 Phillips screws on the two sides of the case to open the enclosure.

## First setup

Connect the receiver with the supplied power supply: position the bare wires into the power input terminal (12) on the board. The black (GND) wire goes into the “-” terminal, the red (+12VDC) wire goes into the “+” terminal. Use a flat screwdriver to tighten the screws of the terminals.

If the power supply is successfully connected, the Power LED (5) will light up and the TUYA LED (6) will start flashing after a few seconds.

Please do not connect the CH1 RELAY and CH2 RELAY terminals (10 & 11) or close the enclosure yet. We first need to pair a transmitter or connect to the TUYA IoT cloud.

## Pairing a transmitter to the receiver

1. Power off the receiver by disconnecting the power.
2. Make sure there are no connections to the receiver on CH1 RELAY (10) or CH2 RELAY (11).
3. Power on the receiver by connecting the power.
4. Hold the SETUP button (9) on the receiver for at least 3 seconds until the CH2 LED (8) will turn on.
5. Press the CH1 button (2) on the transmitter for 3 seconds until the CH2 LED (8) will turn off and the CH1 LED (7) will turn on.
6. The remote is now paired.

You can pair multiple transmitters with a single receiver. Keep following these steps for every transmitter you want to pair.

## Connecting the receiver to the TUYA IoT cloud (optional)

1. Install the TUYA App or SmartLife app on your smartphone and create a TUYA account.
2. Make sure there is a stable Wi-Fi connection with internet access present where the receiver is installed. You will need the Wi-Fi password in step 8, so start looking for it now.
3. Power off the receiver by disconnecting the power.
4. Make sure there are no connections to the receiver on CH1 RELAY (10) or CH2 RELAY (11).
5. Push the SETUP button (9) and hold it while connecting the power supply.
6. Release the SETUP button (9) after the CH1 LED (7) is activated, the SETUP button (9) can now be used for TUYA pairing.
7. Open the TUYA app or SmartLife app and add device "Power Strip(Wi-Fi)".
8. Follow the instructions in the app. If the app asks to press the "reset" button, use the SETUP button (9). The TUYA LED (6) should start blinking rapidly when in pairing mode.
9. If the device is successfully paired with the TUYA IoT cloud, the TUYA LED (6) will be turned on permanently. From now on, this TUYA LED (6) will display if there is an active cloud connection.
10. Please disconnect the power to the receiver, wait 3 seconds and reconnect the power. The device will boot in normal operation and you are ready to use it. It will automatically connect to the cloud.

Connecting the receiver with the TUYA IoT cloud is optional. If not connected to the cloud, the functionality of the VM130V2set will be limited to ON/OFF functions for both channels with the transmitter.

## Connecting a device to the Relays

Connect your device to the receiver by using the NO (normal open) & COM (common) terminals of each channel (10 & 11) for standard off-mode. If you prefer standard on-mode, please use the NC (normal closed) & COM (common) terminals (10 & 11).

Please note that the relays are suited for max 48 VDC operation on 5A (resistive load) each.

Both channels are dry contacts (power needs to be supplied by another source).

### Generating a new code for the transmitter

Hold CH1 button (2) & CH2 button (3) on the transmitter simultaneously for at least 5 seconds. The new code will be generated. After successful completion, the red Indicator LED (4) on the transmitter will flash briefly.

Please note that you will need to re-pair the transmitter with the receiver after generating a new code for the transmitter.

## Clear transmitters from receiver memory (reset)

1. Power off the receiver by disconnecting the power.
2. Make sure there are no connections to the receiver on CH1 RELAY (10) or CH2 RELAY (11).
3. Power on the receiver by connecting the power.
4. Hold the SETUP button (9) on the receiver for at least 3 seconds until the CH2 LED (8) will turn on.
5. Again, hold the SETUP button (9) on the receiver for 3 seconds until the CH2 LED (8) will turn off.
6. All transmitters are now cleared from the receiver's memory.

Please note you will need to re-pair a transmitter to the receiver.

## Using the VM130V2set with the transmitter

- Press the CH1 button (2) on the transmitter for minimum 2 seconds to change the state of the CH1 relay (10) on the receiver. If the channel was on, it will turn off (and stay off). If it was off, it will turn on (and stay on).
- Press the CH2 button (3) on the transmitter for minimum 2 seconds to change the state of the CH2 relay (11) on the

receiver. If the channel was on, it will turn off (and stay off). If it was off, it will turn on (and stay on).

- The red Indicator LED (4) on the transmitter will flash while you hold the CH1 button (2) or CH2 button (3), indicating transmitting a signal. After 3 seconds, the transmitting will stop automatically to save the battery.
- The receiver shows the status of each channel with the CH1 LED (7) and CH2 LED (8).
- LED on= channel active. LED off = channel deactivated.
- Press the LED button (1) to use the flashlight functionality of the transmitter.

## Using the VM130V2set with the TUYA app

This requires an internet connection on your smartphone & good Wi-Fi connection to the receiver.

1. Open the TUYA app or SmartLife app on your smartphone & select the “Power Strip” device.
2. You will see the state of both channels. Press a channel to change its state (ON/OFF – OFF/ON).
3. Use the ‘CountDown function’ to use a countdown timer for a specific channel (you can select a time that you want the channel to turn off or on).
4. Use the ‘Schedule function’ to add multiple times during the day or week when you want each individual channel to turn on or off.
5. By using the “Smart” tab in the app, you can specify several actions that will control the channels.
  - a. **Example 1:** By creating a new smart action, you can turn on a channel based on sunset/sunrise information available in the app.
  - b. **Example 2:** If you want the channels to act like a “pulse”, you can use an action to create this functionality. Create a new action that will trigger from “When device status changes”. Choose CH1 “ON”. Next, specify the delay (1 sec – 5 hours). Add a final task to turn the channel off (“Run the device” / CH1 / OFF). Now every time you activate channel 1 (via the app or via the transmitter), the channel will automatically turn of after the set delay.

The full manual of the VM130V2SET can be found online at [www.velleman.eu](http://www.velleman.eu).

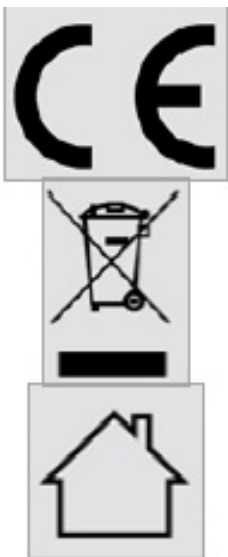
## RED Declaration of conformity

Hereby, Velleman Group nv declares that the radio equipment type VM130V2SET is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: [www.velleman.eu](http://www.velleman.eu).

## Symbols

1. CE marking.
2. When the end-user wishes to discard this product, it must be sent to separate collection facilities for recovery and recycling.
3. For indoor use only.



## Documents / Resources



[velleman VM130V2SET 2-Channel RF Remote Control Set with WiFi Interface](#) [pdf] User Guide  
VM130V2SET, 2-Channel RF Remote Control Set with WiFi Interface



[velleman VM130V2SET 2-Channel RF Remote Control Set](#) [pdf] Owner's Manual  
VM130V2SET 2-Channel RF Remote Control Set, VM130V2SET, 2-Channel RF Remote Control Set,  
RF Remote Control Set, Remote Control Set, Control Set, Set

[Manuals+.](#)

- [home](#)
- [privacy](#)