# SONOFF 433MHz Remote Controller RM433 User Manual

**RM433**
**User manual V1.1**
**433MHz Remote Controller**
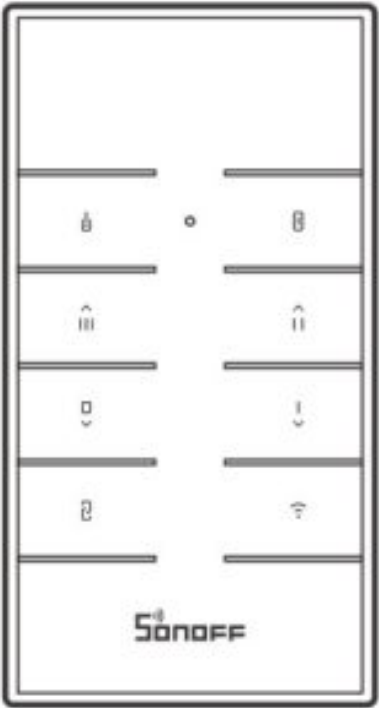
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## Operation Guide

Before operating the product, please press and push down the back cover until it removes, then presses the battery and pulls out the insulation sheet.
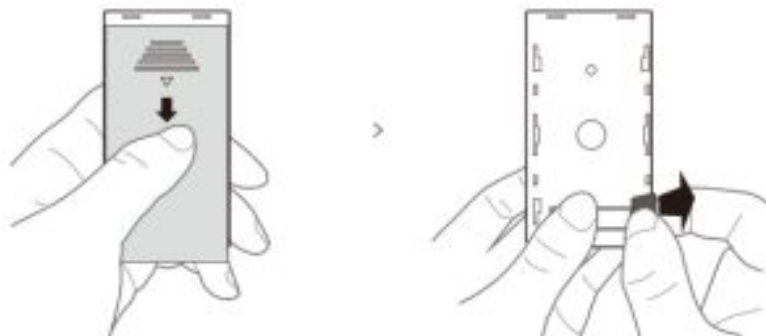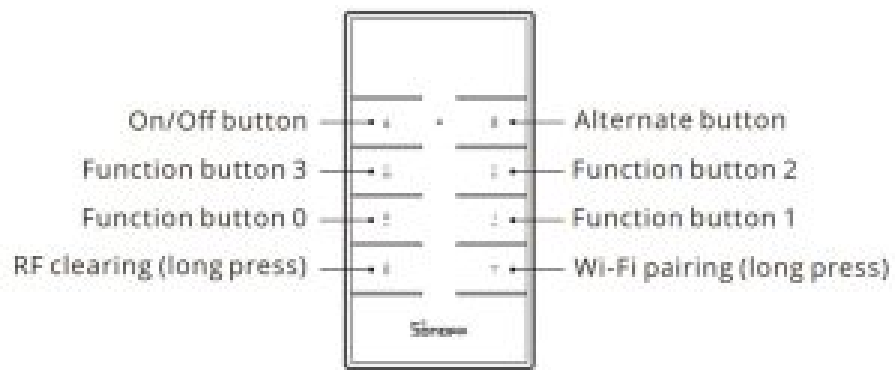


🛈 The device has a version with a battery and without a battery.

## Specifications

| Model | RM433 |
|---|---|
| RF | 433.92MHz |
| Remote controller size | 86x45x12.5mm |
| Base size | PC V0 |
| Power supply | 12V removable battery (Model: 27A) |
| Material | 86x86x15.8mm(not included) |

## Product Introduction

The RM433 applies to all SONOFF products with 433MHz frequency and other devices supporting the 433MHz communication protocol.

On/Off button — Alternate button
Function button 3 — Function button 2
Function button 0 — Function button 1
RF clearing (long press) — Wi-Fi pairing (long press)

Sonoff

🛈 Buttons are created with different functions when pairing with different products.

**Buttons Instructions**

Example 1: iFan03 Wi-Fi Fan & Light Controller

| Buttons | Functions |
|---------|-----------|
| ⥮ | On/Off (light) |
| ▯ | Mute |
| ▯ ⌄ | Off (fan) |
| I ⌄ | Low speed |
| ⌃ ‖ | Medium speed |
| ⌃ ‖‖ | High speed |
| 2 | Long press for 5s until the ceiling fan makes two sounds "di di" to clear the code successfully. After the clearing code is complete, if you need to use the product, please press any button within 5s after powering on again until the ceiling fan makes a sound "di", and pairing is successful. |
| ⌒· | Long press for 5s until the fan makes two short and one long "bi" sound to enter the quick pairing mode (Touch),. Then you can add the light on the eWeLink APP. In quick pairing mode, you can short press any button on the remote controller to exit this mode. |

| Buttons | Functions |
|---|---|
| On |
| Off |
| Short press for the low brightness, long press to turn down the brightness |
| Short press for the medium brightness, long press to turn down the brightness |
| Short press for the higher brightness, long press to turn up the brightness |
| Short press for the high brightness, long press to turn up the brightness |
| Long press for 5s until you hear "Bi-Bi" and release, then the remote controller is cleared successfully. If you need to use it, short press any button within 5s after powering on again and you will hear "Bi", which indicates the remote controller is paired successfully. |
| Long press for 5s until the connected light enters the breathing mode, which indicates the device enters quick pairing mode (Touch), then you can add the light on the eWeLink APP. In quick pairing mode, you can short press any button on the remote controller to exit this mode. |

## Works with SONOFF devices

- RFR2
- RFR3
- 4CHPROR3

- SlampherR2
- D1 Wi-Fi smart dimmer
- TX series Wi-Fi smart switches
- iFan03 Wi-Fi Fan & Light Controller

 Other devices supporting the 433MHz communication protocol

## RM433-Base

**Installation methods 1:**
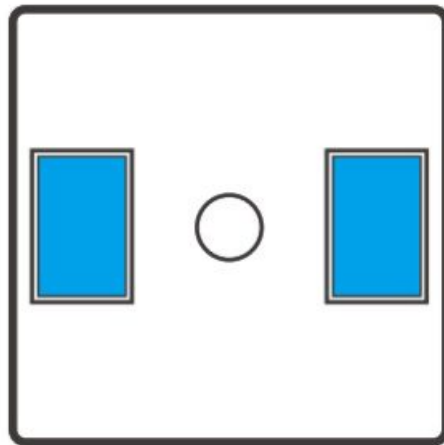Install the base on the wall with 3M adhesive tapes.

**Installation methods 2:**
Remove the two upper covers from both sides of the base to install with screws.

 The base is not included in the package, please purchase it separately.

## FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause
undesired operation.

**FCC Radiation Exposure Statement:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Note:**
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.


Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type RM433 is in compliance with Directive 2014/53/EU.The full text of the EU declaration of conformity is available at the following internet address:
**https://sonoff.tech/usermanuals**
TX Frequency:
SRD:433.92MHz
RF Output Power:
4.88dBm EIRP

**SONOFF logo**

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**MADE IN CHINA**
**SONOFF 433MHz Remote Controller RM433-Symbol**


# Documents / Resources

**SONOFF 433MHz Remote Controller RM433** [pdf] User Manual
SONOFF, RM433, 433MHz, Remote, Controller