

## SONOFF T2EU3C-RF

# SONOFF T2EU-RF 86 Type Wall Panel Sticky 433MHz Wireless RF Remote 3 Gang Instruction Manual

Model: T2EU3C-RF

## 1. PRODUCT OVERVIEW

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The SONOFF T2EU-RF is a 433MHz wireless RF remote wall panel switch designed to provide convenient control over compatible SONOFF smart devices. This stick-on remote controller offers the appearance of a traditional wall switch but operates wirelessly, eliminating the need for complex wiring. It can be affixed to any wall surface, offering flexible placement options for controlling your lights or other connected devices.

# SONOFF

## 433MHz Wireless Stick-on Smart Wall Switch

A stick-on 433MHz remote controller with the similar appearance of SONOFF TX series smart wall touch switch, can be used for any surface to control your devices .



RF Control



Image: The SONOFF 433MHz Wireless Stick-on Smart Wall Switch, highlighting its RF control capability.



Image: The SONOFF T2EU-RF 3-gang wireless switch alongside its product packaging.

## 2. KEY FEATURES

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- **Wiring-Free Installation:** Designed for easy setup without the need for electrical wiring, allowing for flexible placement anywhere in your home.
- **Easy-to-Locate Backlight:** Features a subtle backlight for improved visibility in low-light conditions.
- **Splash-Proof Design:** Offers protection against splashes, making it suitable for various indoor environments.
- **Strong Wall Penetration:** Utilizes 433MHz RF technology for reliable signal transmission through walls, ensuring consistent control.
- **"One for More" Control:** A single wireless switch can control multiple compatible SONOFF devices or lights.
- **"More to One" Control:** Multiple T2EU-RF switches can be paired to control a single compatible SONOFF device or light.
- **Two-Way Control Capability:** Can be paired with SONOFF TX wall switches (sold separately) to enable two-way control of lights from different locations without additional wiring.
- **433MHz RF Protocol:** Compatible with a range of SONOFF smart devices that support the 433MHz RF

protocol.



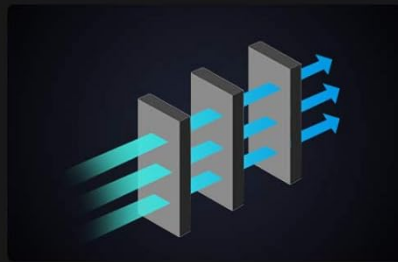
Wiring-free



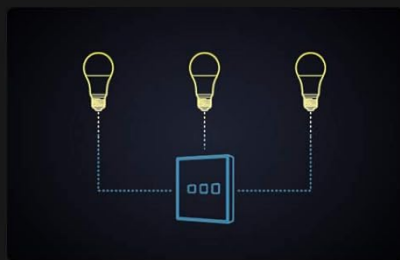
Easy-to-locate backlight



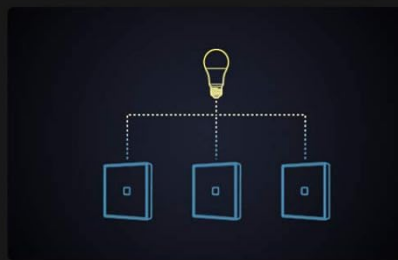
Splash-proof



Strong wall penetration



One for more



More to one

Image: Visual representation of key features including wiring-free, backlight, splash-proof, strong wall penetration, one for more, and more to one control.

### 3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- SONOFF 433MHz Wireless Stick-on Smart Wall Switch (T2EU-RF) x 1
- Screws x 2
- 3M Adhesive Tape x 2
- User Manual x 1



Image: The back of the product box, detailing the package contents and product specifications.

#### 4. SPECIFICATIONS

Attribute	Detail
Model	T2EU3C-RF
RF Frequency	433.92MHz
Color	White
Power Supply	6V (3V button cell x 2)
Battery Model	CR2032
Materials	PC V0 + Tempered Glass Panel
Dimensions (L x W x H)	86 x 86 x 9 mm (3.39 x 3.39 x 0.35 inches)
Remote Control Distance	>50m (open space)
Mounting Type	Panel Mount (Stick-on)
Circuit Type	3-way
Actuator Type	Push Button

## 5. SETUP AND INSTALLATION

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The SONOFF T2EU-RF is designed for simple, non-invasive installation. It does not require electrical wiring.

### 5.1 Mounting the Switch

You have two primary options for mounting the wireless switch:

**1. Using 3M Adhesive Tape:**

- Clean the desired wall surface thoroughly to ensure it is free of dust and grease.
- Peel off the protective backing from the 3M adhesive tape provided.
- Firmly press the switch onto the cleaned surface for at least 30 seconds.

**2. Using Screws:**

- Identify the screw holes on the back or mounting plate of the switch.
- Mark the desired drilling locations on the wall.
- Drill pilot holes if necessary and secure the switch to the wall using the provided screws.

### 5.2 Pairing with Compatible Devices

The T2EU-RF is a remote controller and must be paired with a compatible SONOFF 433MHz RF receiver device (e.g., SONOFF RF Bridge, RFR2, 4CHPROR3, etc.) to control lights or other appliances. The pairing process typically involves putting the receiver device into pairing mode and then pressing a button on the T2EU-RF switch.

*Refer to the user manual of your specific SONOFF receiver device for detailed pairing instructions.*

# That's A New-style Remote Controller

Adopts the 433MHz RF protocol that is compatible with partial SONOFF smart devices, the RF switch can be used to control them remotely as a ordinary remote controller.



Image: The T2EU-RF wireless switch being used to control a compatible SONOFF smart device, such as the SlampherR2 smart bulb adapter.

## 6. OPERATING INSTRUCTIONS

Once successfully paired with a compatible SONOFF RF receiver, the T2EU-RF switch operates as a remote control for your connected devices.

### 6.1 Basic Operation

- **Turning On/Off:** Press any of the three buttons on the T2EU-RF switch to toggle the state (on/off) of the paired device or light. Each button can be assigned to control a different device or channel on a multi-channel receiver.

### 6.2 Advanced Control Scenarios

The T2EU-RF supports flexible control configurations:

- **"One for More" (Control Multiple Devices):** A single T2EU-RF switch can be paired to control multiple lights or devices. For example, one button could turn on all lights in a room, or each button could control a different light.
- **"More to One" (Control One Device from Multiple Locations):** Multiple T2EU-RF switches can be paired to



control a single light or device. This allows you to turn a light on or off from different entry points in a room or hallway.

- **Two-Way Control:** When paired with a SONOFF TX series wall switch (not included), the T2EU-RF can enable two-way control, allowing you to operate a light from two distinct locations without the need for traditional two-way wiring.

## One for More

Control more lights from a position. Just like a universal remote controller, the RF switch with multiple channels allows you to control one or more lights, which each channel can be used to control one light.

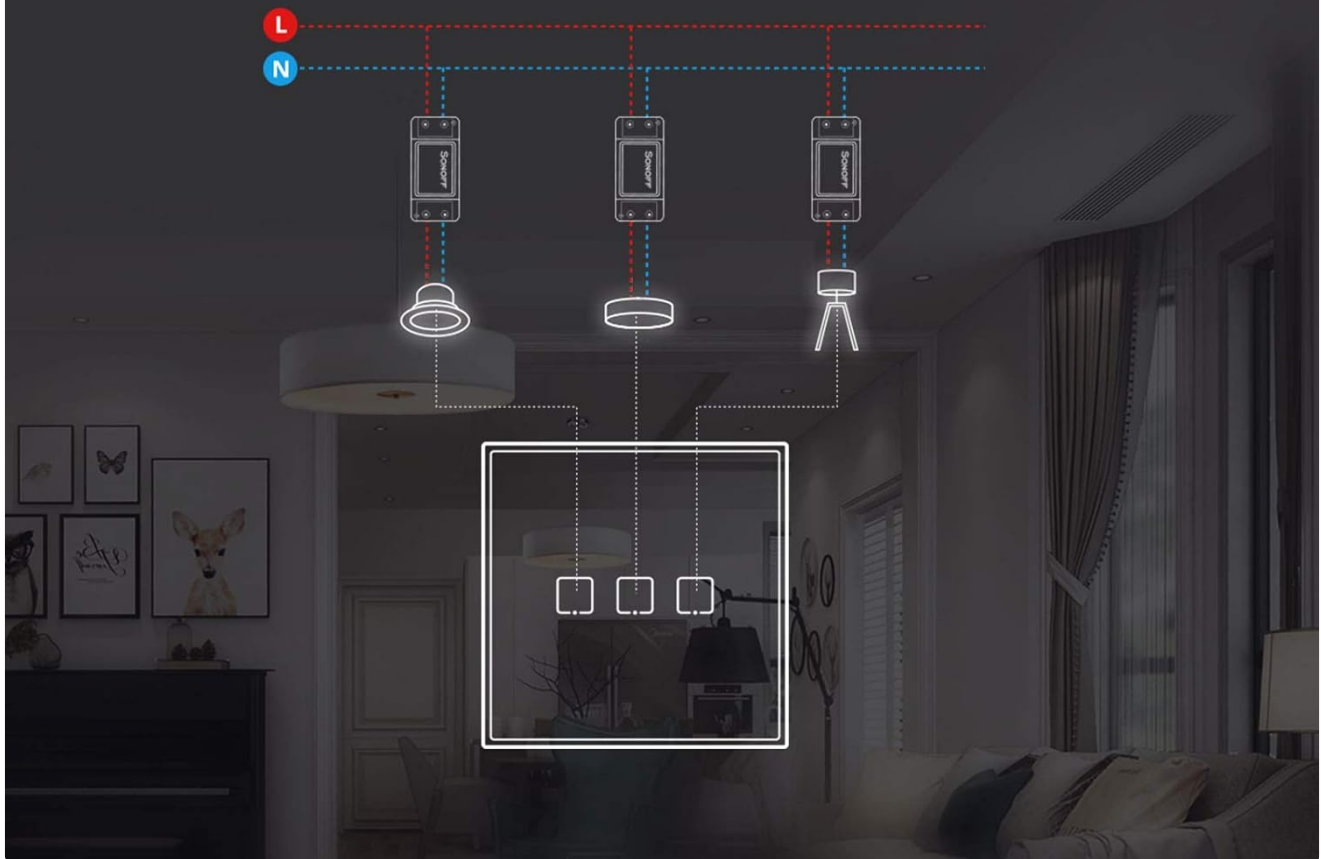


Image: Diagram showing how one T2EU-RF switch can control multiple lights or devices.



# More to One

Free to stick and control. Simple to connect a SONOFF smart switch to your light, and you can attach more than one RF switch on any wall surface that is convenient for you to reach to turn on or off the light.

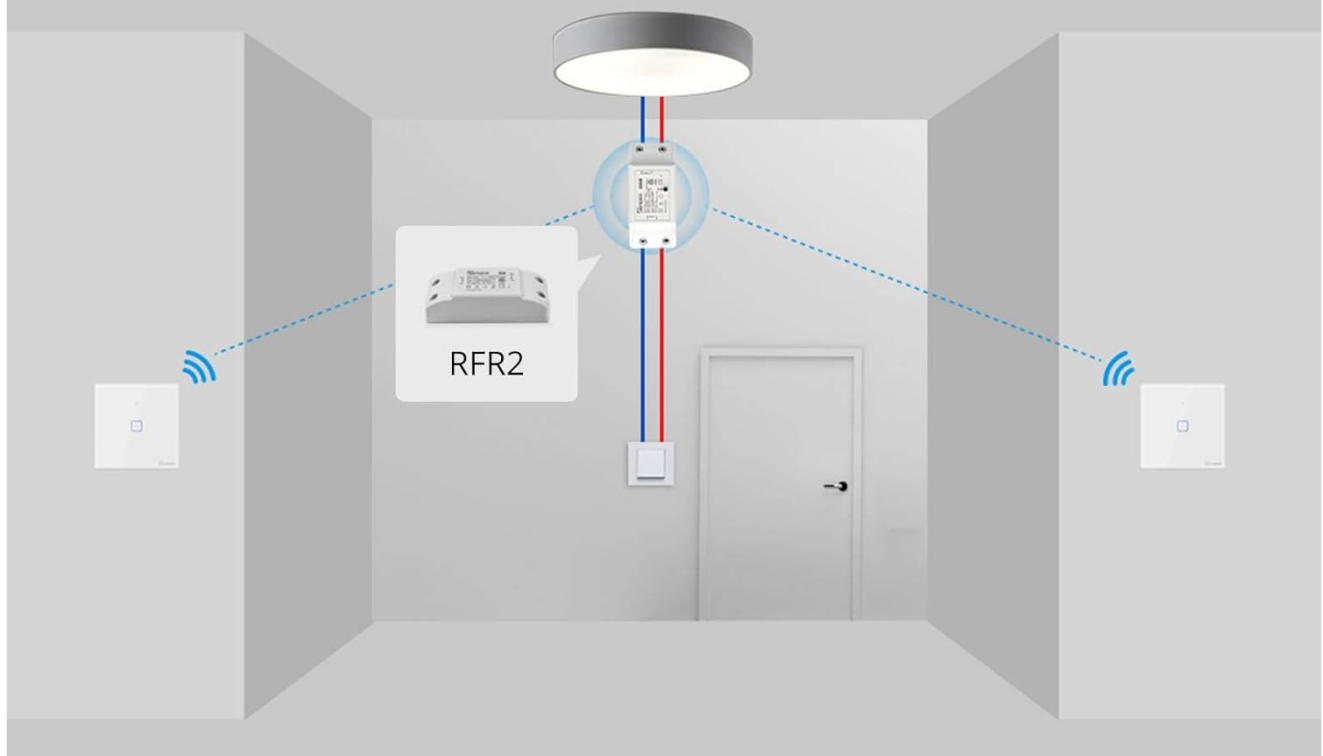


Image: Diagram showing how multiple T2EU-RF switches can control a single light or device.

# Two-way Control

Give you one more option on the control of the light. As a 433MHz RF switch, it can match the SONOFF TX wall switches that allows you to control the light from two different positions without need of wiring.

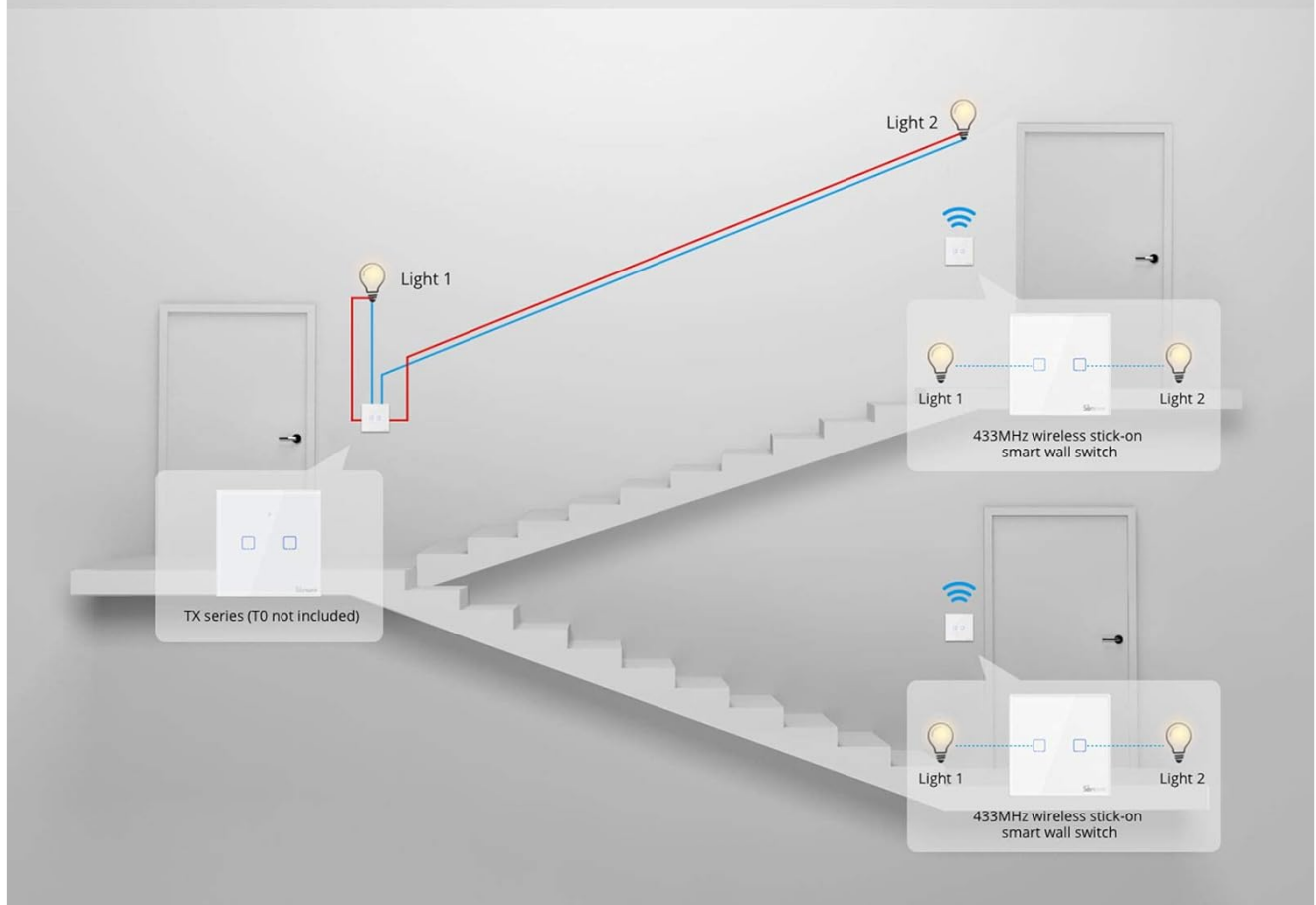


Image: Diagram demonstrating two-way control functionality when the T2EU-RF is paired with a SONOFF TX series wall switch.

## 7. MAINTENANCE

### 7.1 Battery Replacement

The T2EU-RF switch is powered by two CR2032 button cell batteries. If the switch becomes unresponsive or its range decreases significantly, the batteries may need replacement.

1. Carefully pry open the back cover of the switch.
2. Remove the old CR2032 batteries.
3. Insert two new CR2032 batteries, ensuring correct polarity (+/-).
4. Snap the back cover securely into place.

### 7.2 Cleaning

To clean the surface of the switch:

- Use a soft, slightly damp cloth.

- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- Ensure no liquid enters the device. Although splash-proof, it is not designed to be submerged or exposed to direct water jets.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Switch is unresponsive / Device does not react.	<ul style="list-style-type: none"> <li>◦ Low or dead batteries.</li> <li>◦ Not properly paired with the receiver device.</li> <li>◦ Receiver device is out of range or powered off.</li> <li>◦ Interference from other 433MHz devices.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace the CR2032 batteries.</li> <li>◦ Re-pair the T2EU-RF switch with your SONOFF receiver device according to the receiver's manual.</li> <li>◦ Ensure the receiver device is powered on and within the effective range (&gt;50m in open space, less with obstacles).</li> <li>◦ Move the switch or receiver away from potential sources of interference.</li> </ul>
Reduced control range.	<ul style="list-style-type: none"> <li>◦ Low battery.</li> <li>◦ Thick walls or multiple obstacles between switch and receiver.</li> <li>◦ RF interference.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace batteries.</li> <li>◦ Try repositioning the switch or receiver to minimize obstructions.</li> <li>◦ Identify and mitigate sources of RF interference.</li> </ul>

## 9. WARRANTY AND SUPPORT

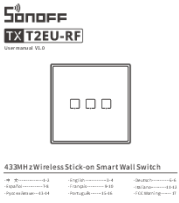
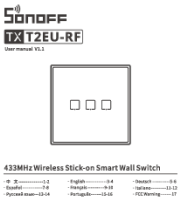
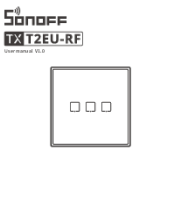

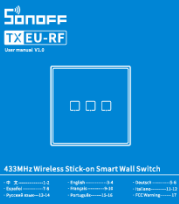
For technical support, warranty information, or further inquiries, please contact SONOFF directly.

- **Manufacturer:** SONOFF (Shenzhen Sonoff Technologies Co., Ltd.)
- **Official Website:** [sonoff.tech](https://sonoff.tech)
- **Service Email:** [support@itead.cc](mailto:support@itead.cc)

**Note:** According to product information, this model (T2EU3C-RF) has been discontinued by the manufacturer. Support availability may vary.

### Related Documents - T2EU3C-RF

 <p>SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch User Manual V1.0</p>	<p><a href="#">SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch User Manual V1.0</a></p> <p>User manual for the SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch. Details product introduction, specifications, supported devices, control methods, installation, and FCC compliance.</p>
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	<p><a href="#">SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch User Manual V1.0</a></p> <p>User manual for the SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch, detailing product introduction, specifications, supported devices, control methods, installation, and FCC warnings.</p>
	<p><a href="#">SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch User Manual</a></p> <p>User manual for the SONOFF TX T2EU-RF 433MHz Wireless Stick-on Smart Wall Switch, detailing product introduction, specifications, supported devices, control methods, and installation instructions.</p>
	<p><a href="#">SONOFF TX T2EU-RF User Manual V1.0 - Smart Wall Switch Guide</a></p> <p>Get comprehensive details on the SONOFF TX T2EU-RF smart wall switch with this user manual. Learn about product features, specifications, supported devices, control options, and installation methods for your 433MHz RF smart home setup.</p>
	<p><a href="#">Sonoff T2EU-RF User Manual V1.1 - Smart Wall Switch Guide</a></p> <p>User manual for the Sonoff T2EU-RF smart wall switch, detailing installation, operation, and features. Learn how to pair devices and control lights.</p>
	<p><a href="#">SONOFF TX EU-RF 433MHz Wireless Stick-on Smart Wall Switch User Manual</a></p> <p>Official user manual for the SONOFF TX EU-RF 433MHz Wireless Stick-on Smart Wall Switch. Learn about product introduction, specifications, supported devices, control methods, and installation.</p>