



RF Receiver Reset Procedure

Before pairing any RF remote with the RF receiver, it is necessary to reset the RF relay module. Resetting clears all previously paired remotes and prepares the receiver for new pairing in any operating mode.

How to Reset the RF Relay:

1 Locate the Reset (Learn) Button on the RF receiver

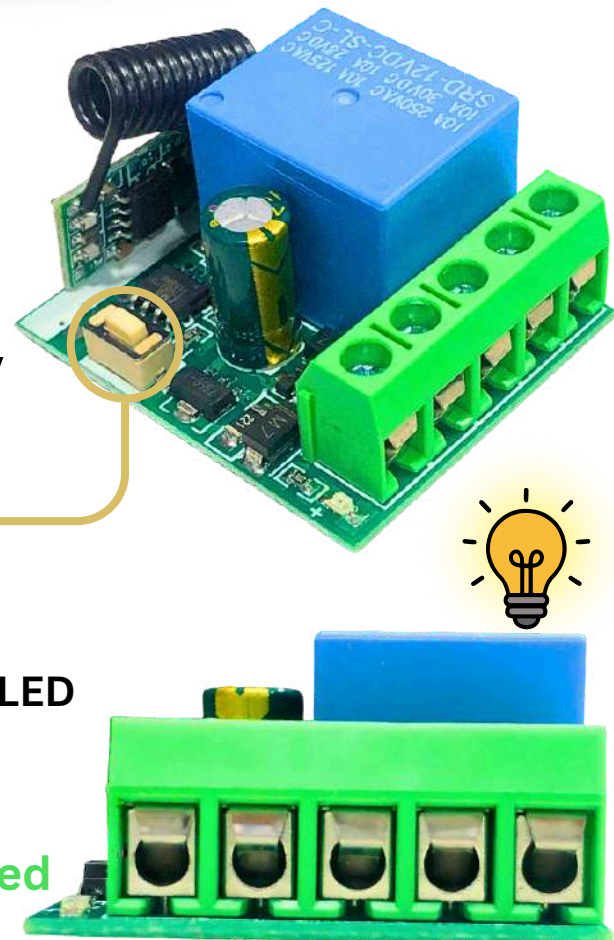
2 Press the reset button
8 times consecutively
(Quickly, one after another)

1 2 3 4 5 6 7 8

3 After the 8th press, the relay will indicate a successful reset (usually by LED blink or relay click).

- ✓ All previous pairings are deleted
- ✓ The receiver is ready to pair with a remote
- ✓ You can select Pulse Mode, Toggle Mode, or Latch Mode

 Ensure the remote operates on the same RF frequency as the receiver





Types of RF Pairing Modes

The RF remote and RF receiver support three different pairing (working) modes: Pulse Mode, Toggle Mode, and Latch Mode. Each mode controls the circuit operation in a different way.



1 Pulse Mode (Momentary Mode)

- ✓ The circuit remains ON only while the remote button is pressed.
- ✓ When you press and hold the button, the circuit turns ON. When you release the button, the circuit immediately turns OFF.

➤ Pairing Procedure:

- Reset the RF relay module by pressing the reset (learn) button 8 times consecutively, as explained in the reset section.
- After the reset is complete, press the reset (learn) button once on the RF receiver.
- Immediately press the desired button on the RF remote once.
- The remote is now successfully paired with the receiver in Pulse Mode.

Used for applications requiring temporary activation, such as doorbells, motors, or signal triggering.

2 Toggle Mode (Self-Locking Mode)

- ✓ The circuit changes its state with each press of the same button.
- ✓ **First Press** → Circuit turns ON
- Second Press** → Circuit turns OFF
- Third Press** → Circuit turns ON again



➤ **Pairing Procedure:**

- Reset the RF relay module by pressing the reset (learn) button 8 times consecutively, as described in the reset section.
- After the reset is completed, press the reset (learn) button twice on the RF receiver.
- Then press the desired button on the RF remote once.
- The remote is now successfully paired with the receiver in Toggle Mode.

Suitable for switching lights, fans, or devices that need ON/OFF control using a single button.

3 Latch Mode (Interlock Mode)

- ✔ Two buttons are paired with one receiver to control ON and OFF functions separately.

➤ **Pairing Procedure:**

- Reset the RF relay module by pressing the reset (learn) button 8 times consecutively, as described in the reset section.
- After the reset is complete, press the reset (learn) button three times on the RF receiver.
- Press the selected remote button once that you want to assign as the ON button for the relay.
- Then press another remote button once that you want to assign as the OFF button for the relay.
- The remote is now successfully paired with the receiver in Latch Mode.

➤ **Working After Pairing:**

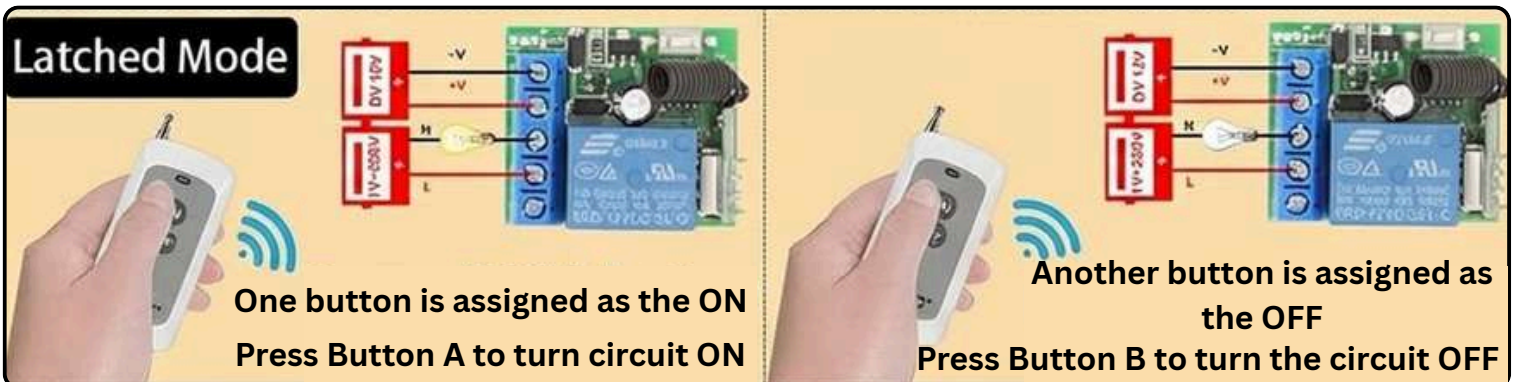
- One button is assigned as the ON Button (e.g, Button A)
- Another button is assigned as the OFF button (e.g, Button B)



➤ **During operation:**

- Press Button A to turn → circuit ON
- Press Button B to turn the circuit OFF

It's also possible to pair the same button for both ON and OFF functions if required.



Note: The pairing procedure is identical for the AC RF receiver and the 1-channel RF receiver, as well as for the 2-channel, 3-channel, 4-channel, 8-channel, 12-channel, 16-channel, and 18-channel RF receivers.