

RF Wireless Remote Control Radio Controller / Transmitter & Receiver

Package Include:

1 x Receiver: S1RD-AC110 / S1RD-AC220 (1 Channel / Delay Control Mode)
2 x Transmitter: C-2
1 x User manual

Feature:

Wireless control, easy to install
Relay on/off time delay function
Control Lights, Motors, Fans, electrically operated Doors/Locks/Windows/Blinds/Cars or Other Appliances with AC 110~240V or DC 0~28V.
You can turn on/off the receiver with transmitter (remote control) from any place within a reliable distance; the wireless RF signal can pass through walls, floors and doors.
With characteristics of over current protection, short-circuit protection and temperature protection.
Audible / visual indication
Use microcontroller model of EM78P156, an 8-bit microprocessor designed and developed with low-power and high-speed CMOS technology.
Reliable control: The transmitter (Encoding) and the receiver (Decoding) use an 8-bit code.
One/several transmitters can control one/several receivers simultaneously.
If you use two or more receivers in the same place, you can set them with different codes.
Transmitting Frequency: 315MHz / 433MHz

Receiver:

Model No.: S1RD-AC110 / S1RD-AC220
Channel: 1 CH
Control Mode: Delay (Press -> ON; after delay time -> OFF)
Delay time: custom according to actual requirements
Coding Type: Fixed code
Coding Setting: By learning
Power Supply (Operating Voltage): AC100~240V (S1RD-AC110), AC110~240V (S1RD-AC220)
Working Voltage Range of Relay: AC 110~240V or DC 0~28V
PCB size: 74mm x 52mm x 24mm
Case size: 79mm x 58mm x 35mm
Maximum Working Current: 10A

Transmitter:

Model No.: C-2
Channel: 2 CH
Remote Control Distance: 100m / 300ft (theoretically)
Encode: Fixed code by Soldering
Unit size: 58mm x 39mm x 16mm
Power Supply: 1 x 23A -12V battery (included, can be used for 12 months)

Usage:

Initial state: B, C = Normally Open; A, B = Normally Closed.
Press button 1: Turn on the relay (connect B and C, disconnect A and B)
After delay time, turn off the relay by itself (disconnect B and C, connect A and B)
During the delay time, press button 2: Turn off the relay straightway (disconnect B and C, connect A and B)

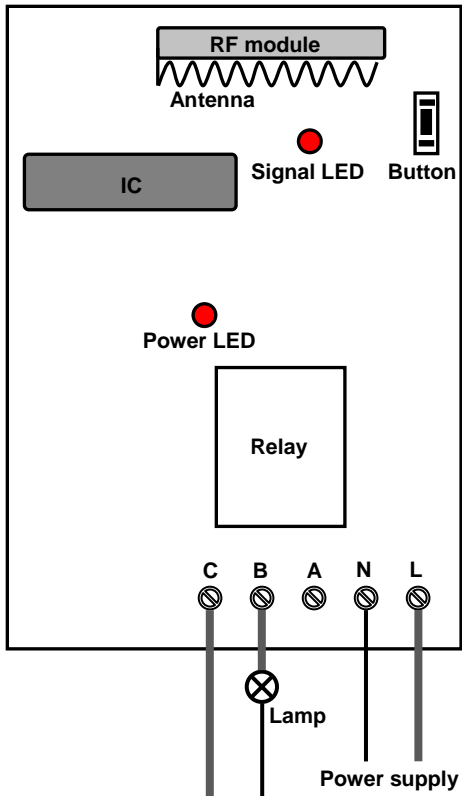
We have learned remote control to the receiver. If you don't want the receiver to work with the remote control, you can delete all codes of remote controls, which are stored in the receiver.

Operation: Press and hold the button of receiver until signal LED flashes slowly; release the button, LED keeps slow flash. That means all stored codes have been deleted successfully.

Learning the button of remote control:

- 1) Press the button of receiver; signal LED on the receiver keeps shining. The receiver enters into status of LEARNING.
- 2) Press any one button on remote control. If signal LED flashes quickly 15 times and turns off, it means learning is successful.
- 3) When receiver is in the status of LEARNING, press again the button of receiver, signal LED turns off, learning process will be discontinued.
- 4) The receiver can learn several remote controls with different codes.

Interior Analogue Circuit



Application Circuit

DC0~28V/ AC110~240V
 A, B=Normally Closed; B, C=Normally Open.

Application: For AC110/220V motor or lamp

