

RF Wireless Receiver (Model 0020638)

Feature:

Wireless control, easy to install

DC power output, control Lights, Motors, Fans, electrically operated Doors/Locks/Windows/Blinds/Cars or Other Appliances with DC 4~12V.

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 reverse power protection and over current protection

Use an 8-bit microprocessor 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.

Receiver Parameters:

Model No.: S1X1-DC

Power Supply (Operating Voltage): DC 4~12V

Working Frequency: 315MHz

Channel: 1 CH

Control Modes: Toggle, Momentary, Latched

Output: DC 4~12V

Maximum Working Current of Relay: 1A

Maximum Power: 10W

Static Current: ≤6mA

PCB Size: 22mm x 11mm x 5mm

Coding Type: Fixed code

Coding Setting: By learning

Work with Fixed code transmitters.

The receiver can pair different model transmitters, includes model C-1 / C-2 (100M), CWB-1 / CWB-2 (50M, waterproof), CP-1 / CP-2 (500M), CB-1 / CB-2 (1000M), etc...

If you want to have a further working range, you can install an external antenna to the receiver, such as magnetic mount antenna (model 0020909), which working range is three times as much as it used to be. Or telescopic antenna (model 0020908), which working range is twice as much as it used to be.

Usage (with the transmitter like C-2):

Setting different control modes (We have set the receiver as Latched mode before delivery. If you want to use other modes, do as following):

1) Setting control mode Momentary: connect terminal 3 and 4.

Press and hold 1 button: output DC power.

Release button 1: no output.

2) Setting control mode Latched: connect terminal 1 and 2.

Press button 1: output DC power.

Press button 2: no output.

3) Setting control mode Toggle: do not connect.

Press button 1: output DC power.

Press button 1 again: no output.

How to pair the transmitter to the receiver:

1) Connect setting terminals until LED flashes slowly; disconnect setting terminals, the receiver enters into status of LEARNING.

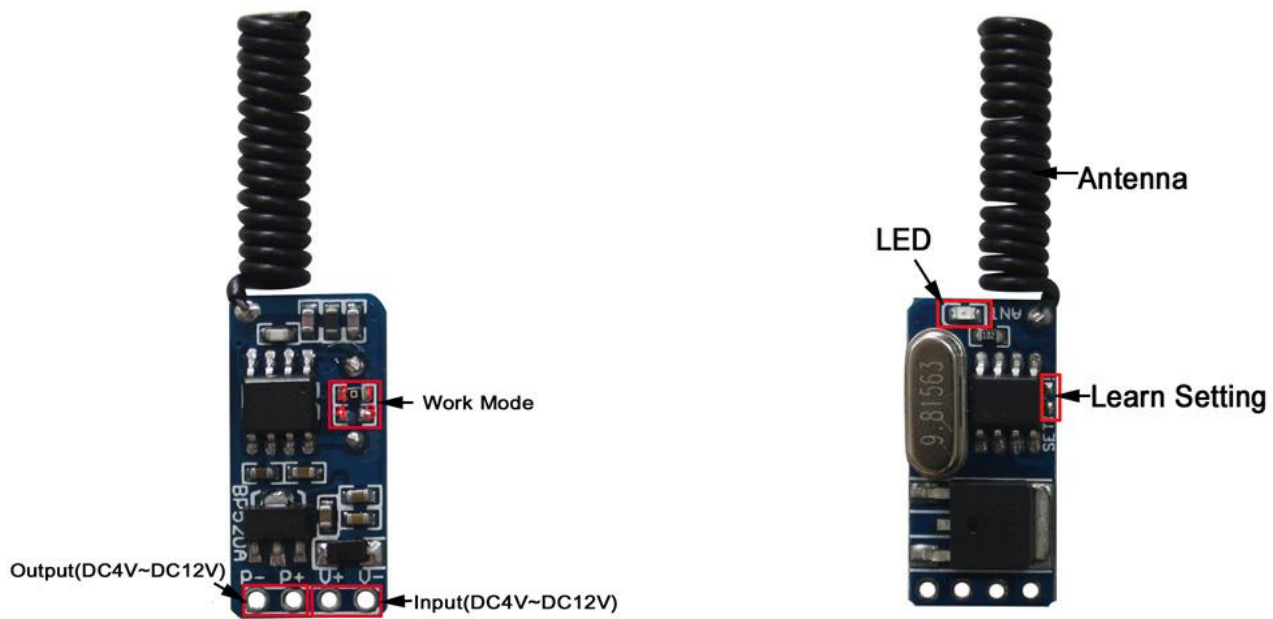
2) Press and hold button 1 on remote control, LED flash quickly once, release button 1; then press and hold button 2 on remote control, LED flash once again; finally, press any one button on remote control. If LED off, it means learning is successful.

3) The receiver can learn 12 buttons with different codes.

Delete all transmitters:

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: connect setting terminals until LED on then off; that means all stored codes have been deleted successfully.



Interior Analogue Circuit

