RF Wireless Remote Control Radio Controller / Transmitter & Receiver

Package Include:
1 x Receiver: S1X1-DC (1 Channel / Three control Modes)
1x Transmitter: C-2
1 x User manual

Feature:
Wireless control, easy to install
Direct power output; control Lights, Motors, Fans, electrically operated Doors/Locks/Windows/Blinds/Cars or Other Appliances.
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
Audible / visual indication
Use an 8-bit microcontroller 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

Receiver:
Model No.: S1X1-DC
Channel: 1 CH
Control Modes: Momentary, Latched, Toggle
Coding Type: Fixed code
Coding Setting: By learning
Power Supply (Operating Voltage): DC 4~12V
Output: DC 4~12V
PCB Size: 22mm x 11mm x 5mm
Maximum Power: 10W
Static Current: ≤6mA
Maximum Working Current: 1A

Transmitter:
Model No.: C-2
Channel: 2 CH
Remote Control Distance: 50m / 150ft (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:
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 and4
Press and hold button 1: 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.

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.

Learning the button of remote control:

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 flashes quickly once, release button 1; then press and hold button 2 on remote control, LED flashes quickly once again; finally, press any one button on remote control. If LED off, it means learning is successful.
3) The receiver can learn 6 buttons with different codes.

Interior Analogue Circuit