

## RF Wireless Remote Control Radio Controller / Transmitter & Receiver

### Package Include:

15x Receiver: S1RU-DC06 / S1RU-DC09 / S1RU-DC12 / S1RU-DC24  
1 x Transmitter: CP-15  
1 x User manual

### Feature:

Wireless control, easy to install  
Control Lights, Motors, Fans, electrically operated Doors/Locks/Windows/Blinds/Cars or Other Appliances with AC110~240V or DC0~28V.  
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.  
Adopt singlechip technology to build millions of code.  
Two or more transmitter & receivers set can be used in the same place.  
Transmitting Frequency: 315MHz / 433MHz

### Receiver:

Model No.: S1RU-DC06 / S1RU-DC09 / S1RU-DC12 / S1RU-DC24  
Channel: 1 CH  
Control Modes: Toggle, Momentary, Latched  
Coding Type: Fixed code or learning code  
Coding Setting: By learning  
Power Supply (Operating Voltage): DC6V (S1RU-DC06), DC9V±1V (S1RU-DC09), DC12V±1V (S1RU-DC12), DC24V±1V (S1RU-DC24)  
PCB size: 44mm x 37mm x 19mm  
Case size: 55mm x 45mm x 28mm  
Maximum Working Current: 10A

### Transmitter:

Model No.: CP-15  
Channel: 15 CH  
Remote Control Distance: 500m / 1500ft (theoretically)  
Encode: Fixed code by soldering  
Unit size: 100mm x 45mm x 20mm  
Power Supply: 1 x 23A -12V battery (included, can be used for 12 months)

### Usage

Initial state: B, G = Normally Closed; G, K = Normally Open.

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

#### Setting control mode Toggle: Connect S2.

Control mode Toggle: Press -> On; Press again -> Off.  
Press button 1, turn on the relay of receiver 1, (connect G and K, disconnect B and G). Press button 1 again, turn off the relay of receiver 1, (disconnect G and K, connect B and G).  
Press button 2, turn on the relay of receiver 2, (connect G and K, disconnect B and G). Press button 2 again, turn off the relay of receiver 2, (disconnect G and K, connect B and G).  
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Press button 14, turn on the relay of receiver 14, (connect G and K, disconnect B and G). Press button 14 again, turn off the relay of receiver 14, (disconnect G and K, connect B and G).  
Press button 15, turn on the relay of receiver 15, (connect G and K, disconnect B and G). Press button 15 again, turn off the relay of receiver 15, (disconnect G and K, connect B and G).

#### Setting control mode Momentary: Connect S1.

Control mode Momentary: Press and hold -> On; Release -> Off.  
Press and hold button 1, turn on the relay of receiver 1, (connect G and K, disconnect B and G). Release button 1, turn off the relay of receiver 1, (disconnect G and K, connect B and G).  
Press and hold button 2, turn on the relay of receiver 2, (connect G and K, disconnect B and G). Release button 2, turn off the relay of receiver 2, (disconnect G and K, connect B and G).  
.....  
Press and hold button 14, turn on the relay of receiver 14, (connect G and K, disconnect B and G). Release button 14, turn off the relay of receiver 14, (disconnect G and K, connect B and G).  
Press and hold button 15, turn on the relay of receiver 15, (connect G and K, disconnect B and G). Release button 15, turn off the relay of receiver 15, (disconnect G and K, connect B and G).

**Setting control mode Latched: Disconnect S1 and S2.**

Control mode Latched: Press -> On, other relays Off; Press another button -> Off.

Press button 1, turn on the relay of receiver 1, (connect G and K, disconnect B and G), turn off the relay of receiver 2,3,4,5,6,7,8,9,10,11,12,13,14,15 (disconnect G and K, connect B and G).

Press button 2, turn on the relay of receiver 2, (connect G and K, disconnect B and G), turn off the relay of receiver 1,3,4,5,6,7,8,9,10,11,12,13,14,15 (disconnect G and K, connect B and G).

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Press button 14, turn on the relay of receiver 14, (connect G and K, disconnect B and G), turn off the relay of receiver 1,2,3,4,5,6,7,8,9,10,11,12,13,15 (disconnect G and K, connect B and G).

Press button 15, turn on the relay of receiver 15, (connect G and K, disconnect B and G), turn off the relay of receiver 1,2,3,4,5,6,7,8,9,10,11,12,13,14 (disconnect G and K, connect B and G).

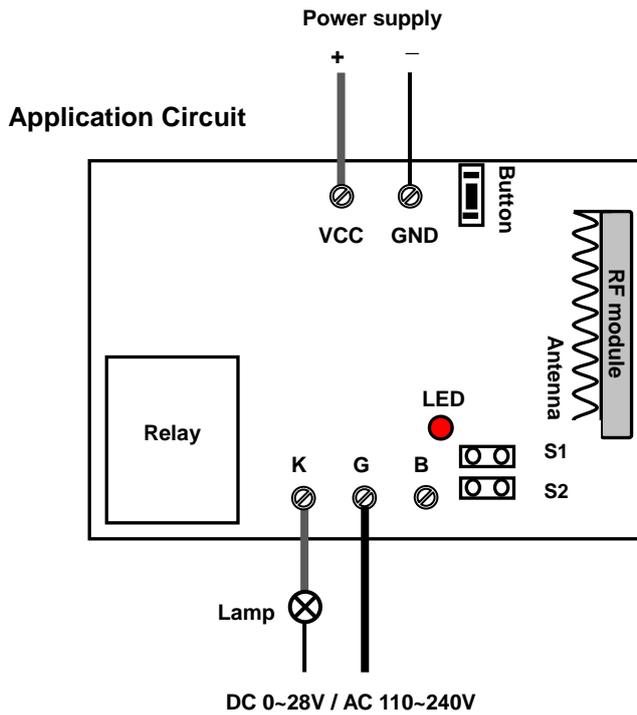
**Learning transmitter:**

We have learned transmitter 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 about 4 seconds until signal LED turns off; then release the button, at this time all stored codes have been deleted successfully.

Learning the transmitter:

- 1) Press and hold the button of receiver about 2 seconds until signal LED flashes; then release the button, at this time the receiver enters into status of LEARNING.
- 2) Press any button on the transmitter. If signal LED immediately turns off, it means learning is successful.
- 3) The receiver can learn only one channel of the transmitter. Before the receiver learning the transmitter, first delete the code which is stored in the receiver.



**B, G=Normally Closed; G, K=Normally Open.**