

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

### Package Include:

24 x Receiver: S1RUB-DC06 / S1RUB-DC09 / S1RUB-DC12 / S1RUB-DC24  
1 x Transmitter: CP-99  
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.  
Transmitter with LCD display screen  
One transmitters can control max 99 receivers simultaneously.  
Two or more transmitter & receivers set can be used in the same place.  
Transmitting Frequency: 315MHz / 433MHz

### Receiver:

Model No.: S1RUB-DC06 / S1RUB-DC09 / S1RUB-DC12 / S1RUB-DC24  
Channel: 1 CH  
Control Modes: Toggle or Momentary  
Coding Type: Learning code  
Coding Setting: By learning  
Power Supply (Operating Voltage): DC6V (S1RUB-DC06), DC9V±1V (S1RUB-DC09), DC12V±1V (S1RUB-DC12), DC24V±1V (S1RUB-DC24)  
PCB size: 44mm x 37mm x 19mm  
Case size: 55mm x 45mm x 28mm  
Maximum Working Current: 10A

### Transmitter:

Model No.: CP-99  
Channel: 99 CH  
Two operation modes: Toggle and Momentary  
Remote Control Distance: 500m / 1500ft (theoretically)  
Transmitting Frequency: 315MHz / 433MHz  
Encode: Learning code  
Power Supply: 1 x 23A -12V battery (Included, can be used for 6 months)  
Static Current: 3μA  
Working Current: 25mA  
Working Temperature:-10℃~70℃  
Unit size: 130mm x 48mm x 17mm

### Usage of transmitter:

Turn on the power switch on the back, then press any number button to select a number from 01 to 99 by combination of the number 0~9, then press button "T" (Toggle) or "M" (Momentary) to send signal. LCD screen will displays numbers at the same time, and LCD screen will turn off after 15 seconds if there is no any operation.

Toggle Mode Operation: If you want to send signal of 24 channel, you can press "2", then press "4", next press button "T", the signal is sent immediately; when you press the button "T" again, the signal will be sent again.

Momentary Mode Operation: If you want to send signal of 24 channel, you can press "2", then press "4", next press and hold button "M", the signal is continuously sent; when you release the button "M", the signal will stop.

Buttons \* and # are useless.

### Usage of receiver:

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

Toggle Mode Operation: Press -> On; Press again -> Off.

Press any number button on the transmitter to select a number from 01 to 99, then press button "T" to send signal, turn on relay (connect G and K, disconnect B and G).

Press button "T" again, turn off relay (disconnect G and K, connect B and G).

Momentary Mode Operation: Press and hold -> On; Release -> Off.

Press any number button on the transmitter to select a number from 01 to 99, then press and hold button "M" to send signal, turn on relay (connect G and K, disconnect B and G).

Release button "M", turn off relay (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 number button on the transmitter to select a number from 01 to 99, then press button "T" or "M" to send signal. 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.

