

RF Wireless Remote Control Radio Controller / Transmitter & Receiver

Package Include:

1 x Receiver: S1RU-DC06-ANT2 / S1RU-DC09-ANT2 / S1RU-DC12-ANT2 / S1RU-DC24-ANT2
1 x Transmitter: CB-2
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-ANT2 / S1RU-DC09-ANT2 / S1RU-DC12-ANT2 / S1RU-DC24-ANT2
Channel: 1 CH
Control Modes: Toggle, Momentary, Latched
Coding Type: Fixed code or learning code
Coding Setting: By learning
Power Supply (Operating Voltage): DC6V±1V (S1RU-DC06-ANT2), DC9V±1V (S1RU-DC09-ANT2), DC12V±1V (S1RU-DC12-ANT2), DC24V±1V (S1RU-DC24-ANT2)
Output: Relay output (Normally open and normally closed)
PCB size: 44mm x 37mm x 19mm
Case size: 55mm x 45mm x 28mm
Maximum Working Current: 10A

Transmitter:

Model No.: CB-2
Channel: 2 CH
Remote Control Distance: 1000m / 3000ft (theoretically)
Encode: Fixed code by soldering
Unit size: 135mm x 42mm x 25mm
Power Supply: 1 x 6F22-9V battery (included, can be used for 12 months)

External Extend Antenna:

Frequency Range: 300~450MHz
Impedance: 50Ω
Antenna Length: 15cm
Cable Length: 150cm
Weight: 35g
Anti-interference, waterproof, shielded wire set inside
Magnetic stand design for easy to install

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 S1.

Control mode Toggle: Press -> On; Press again -> Off.
Press big button: Turn on the relay (connect G and K, disconnect B and G)
Press big button again: Turn off the relay (disconnect G and K, connect B and G)

Setting control mode Momentary: Disconnect S1 and S2.

Control mode Momentary: Press and hold -> On; Release -> Off.
Press and hold big button: Turn on the relay (connect G and K, disconnect B and G)
Release big button: Turn off the relay (disconnect G and K, connect B and G)

Setting control mode Latched: Connect S2

Control mode Latched: Press -> On, other relays Off; Press another button -> Off.
Press big button: Turn on the relay (connect G and K, disconnect B and G)
Press small button: Turn off the 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 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.

