

RF Wireless Remote Control Kit (Model S4C-DC09+2C-2-2)

Package Include:

1 x Receiver: S4C-DC09
2 x Transmitter: C-2-2
1 x User manual

Feature:

Application: It can be used in industry automation, agriculture automation and home automation, such as factory, house, farm, pasture, vehicle, ship, offshore operation, aerial vehicle, field call, etc. It can remote control equipments on land, water and air, such as remote control rolling blinds, rolling doors, projection screens, awnings, pumps, winches, conveyors or other appliances.

Wireless remote control, easy to install.

Waterproof: The receiver has waterproof case and waterproof connector, it can be installed outdoors.

Power Supply: Four working voltage version, DC 9V.

Relay Output: This receiver is relay output, it can be used to operate both DC and AC equipments. The terminals are NO / NC (normally open / normally closed), which serves as a switch. That means you should also connect a separate power supply to equipments.

You can control the equipments by using the receiver with transmitter (remote control) from any place within a reliable distance.

Wireless RF signal can pass through walls, floors, doors or windows.

With characteristics of reverse power protection and over current protection.

Reliable control: The code has thousands of different combinations, and the receiver only works with the transmitter which use the same code.

One/several transmitters can control one/several receivers simultaneously.

You can use two or more units in the same place.

Receiver Parameters:

Model No.: S4C-DC09

Power Supply (Operating Voltage): 9V (1 x 6F22 -9V battery)

Output: Relay output (Normally open and normally closed)

Working Voltage Range of Relay: AC110~240V or DC0~28V

Wire range for the terminals: 22-17 AWG

Working Frequency: 315MHz / 433MHz

Channel: 4 CH

Control Modes: Momentary

Static Current: ≤6mA

Operating Temperature: -20 ° C to +70 ° C

Maximum Working Current: 5A / each channel

Case size: 100mm x 68mm x 50mm

Transmitter Description:

Model No.: C-2-2

With Sliding Cover: Slide up when it doesn't work (to protect the button). Slide down the button will appear.

Channel/Button: 2

Button Symbol: ▲, ▼

Operating Voltage: 12V (1 x 23A -12V battery, can be used for 12 months)

Operating Current: 6mA

Operating Frequency: 315Mhz/ 433Mhz

If you stretches the telescopic antenna, it can have a further working range, which is twice as much as it used to be.

Modulation Mode: ASK

Operating Temperature: -20 ° C to +70 ° C

Unit Size: 58mm x 39mm x 16mm

Matching Transmitters For Receiver:

The receiver can work with different transmitters, such as model C-2-2 (100M), CV-2-2(500M), CB-3-2 (1000M) etc.

Working Range:

With a transmitter (such as C-2-2) to form a complete set, the maximum working distance can reach 100M in an open ground.

The maximum working distance is an ideal range, it shall be operated with no barriers and interference in an open ground. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless sign. Therefore, the actual distance may not reach this maximum working distance.

If you want to have a further working range, you can install an external antenna to the receiver, and you also can use a powerful transmitter, such as CB series transmitters.

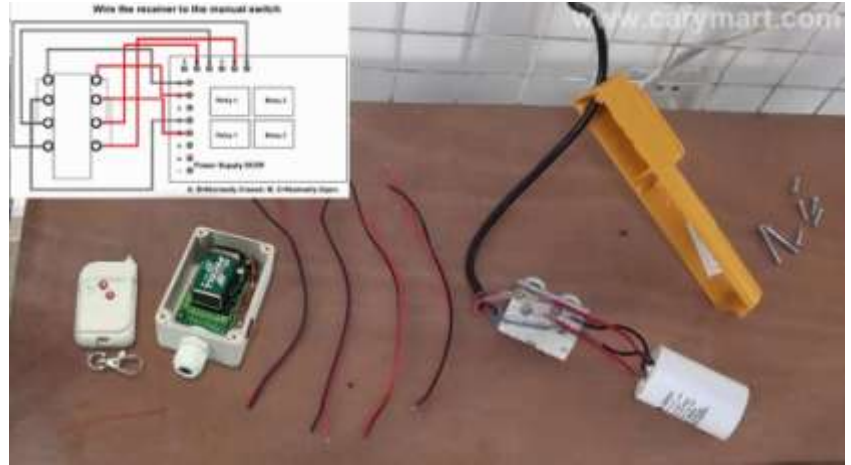
Usage (with the transmitter C-2-2):

The receiver can be used to control both DC 0~28V and AC 110~240V equipments.

Notice: The receiver is relay output, not DC/AC power output. Initial state of relay output terminals: Terminals B and C are Normally Open; Terminals A and B are Normally Closed.

Wiring:

Because the control principles of some single-phase cranes are different, the connection methods of crane and receiver are different. We introduce one of them, as shown in the figure below



Operation:

Control mode Momentary: Press and hold -> On; Release -> Off.

Press and hold button ▲ of transmitter: Turn on relay 1, 2 (connect B and C, disconnect A and B), the goods on the crane hook are pulling up.

Release button ▲ of transmitter: Turn off relay 1, 2 (disconnect B and C, connect A and B), the crane stops working.

Press and hold button ▼ of transmitter: Turn on relay 3, 4 (connect B and C, disconnect A and B), the goods on the crane hook are going down.

Release button ▼ of transmitter: Turn off relay 3, 4 (disconnect B and C, connect A and B), the crane stops working.

How to pair the transmitter to the receiver:

- 1) Press the learning button of receiver for 1- 2 seconds; signal LED on the receiver is on. The receiver enters into status of LEARNING.
- 2) Press any one button on transmitter. If signal LED flashes quickly 15 times and turns off, it means learning is successful.
- 3) When receiver is in the status of LEARNING, press again the learning button, signal LED turns off, learning process will be discontinued.
- 4) The receiver can learn several remote controls with different codes.
- 5) The receiver memory will not be erased if the power supply is turned off.

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: Press and hold the learning button of receiver until signal LED flashes slowly; release the button, LED keeps slow flash. That means all stored codes have been deleted successfully.

