

RF Wireless Receiver (Model 0020644 S1F1-DC (4~12V))

Feature:

Wireless control, easy to install

Control small motors with voltage DC 4~12V.

You can rotate the motor in the positive or reversal direction with the transmitter/remote controller from any place within a reliable distance; the wireless RF signal can pass through walls, floors and doors.

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

Receiver Parameters:

Model: S1F1-DC (4~12V)

Power Supply (Operating Voltage): DC 4~12V

Output: DC 4~12V

Working Frequency: 433MHz

Control Modes: Momentary, Latched

Static Current: 2mA~5mA

Maximum Working Current: 30mA~55mA

Maximum Power for Motor: 10W

PCB Size: 20mm x 19mm x 10mm

The receiver can pair different model transmitters, includes model C-2L-2 / C-3-2 (100M), CB-2 / CB-3-2(1000M), etc...

Usage (with the transmitter like C-2L-2 or C-3-2):

Connect red wire to "+" of DC power supply and black wire to "-" of DC power supply. Then connect DC motor to wires "C" and "D". (We have set the receiver as Latched control mode before delivery. If you want to use other control modes, do as following operation):

1) Setting Interlocking mode: Connect two setting terminals until signal LED flashes 1 time, then disconnect.

Control mode Interlocking: Press -> On, Press another button -> Off.

Press button ▲ on the transmitter/controller: Wires C and D output DC 4~12V (C is "+", D is "-"), motor rotates continuously in positive direction.

Press ■ on remote or receiver: Wires C and D stop outputting and motor stops rotating.

Press button ▼ on the transmitter/controller: Wires C and D output DC 4~12V (C is "-", D is "+"), motor rotates continuously in reversal direction.

Press ■ on the transmitter/controller: Wires C and D stop outputting and motor stops rotating.

2) Setting Momentary mode: Connect two setting terminals until signal LED flashes 3 times, then disconnect.

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

Press and hold button ▲ on the transmitter/controller: Wires C and D output DC 4~12V (C is "+", D is "-"), motor rotates continuously in positive direction.

Release button ▲ on the transmitter/controller: Wires C and D stop outputting and motor stops rotating.

Press and hold button ▼ on the transmitter/controller: Wires C and D output DC 4~12V (C is "-", D is "+"), motor rotates continuously in reversal direction.

Release button ▼ on the transmitter/controller: Wires C and D stop outputting and motor stops rotating.

How to pair the transmitter to the receiver:

1) Connect two setting terminals until LED is on, the receiver enters into status of LEARNING.

2) Press button ▲ on the transmitter/controller, LED flash quickly once; press button ▼ on the transmitter/controller, LED flash quickly once; finally, press button ■ on the transmitter/controller, if LED turns off, it means learning of three buttons is successful.

3) The receiver can learn 9 buttons with different codes.

Delete all transmitters:

We have learned remote control to the receiver. If you don't want the receiver to work with the transmitter/controller, you can delete all codes of remote controls which are stored in the receiver.

Operation: connect two setting terminals until LED flashes then turns off; that means all stored codes have been deleted successfully.

