

5000 Meters RF Wireless Receiver (Model 0020112)

Feature:

Wireless control, easy to install.

Waterproof case with waterproof connectors. The receiver can be installed outdoors.

High power, each relay output can work at maximum current 30A.

Super long range, with a transmitter to form a complete set, the working distance can reach 5000m in an open ground.

Feedback function: can let the user know whether he/she had already connect the transmitter and receiver successfully in such a long distance.

Two ways working mode, when the receiver gets the signal of transmitter, it will immediately send a return signal to the transmitter.

External magnetic sucker antenna with 5meters cable, the antenna can be installed outside the building to get better working distance.

With manual terminals, can connect a manual switch or a sensor to control the receiver.

America imported chips, which can ensure reliability and assure the high quality of the products.

DC power output, can be used in home automation, such as security system, remote control lights, motors, Doors / Locks / Windows / Blinds / Cars, and various equipment.

It also can be used in agriculture and industry automation, such as long range and high power remote control devices.

Wireless remote control products on land, water and air, especially in a long distance, such as farm, pasture, offshore unmanned operation, field call, remote security alarm, unmanned aerial vehicle, etc.

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.

With characteristics of reverse power protection and over current protection

Reliable control: The transmitter (Encoding) and the receiver (Decoding) use the custom 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. S1PXW-DC06-ANT2 / S1PXW-DC09-ANT2 / S1PXW-DC12-ANT2 / S1PXW-DC24-ANT2

Power Supply (Operating Voltage): DC6V (S1PXW-DC06-ANT2), DC9V±1V (S1PXW-DC09-ANT2), DC12V±1V (S1PXW-DC12-ANT2), DC24V±2V (S1PXW-DC24-ANT2)

Output: DC6V (S1PXW-DC06-ANT2), DC9V±1V (S1PXW-DC09-ANT2), DC12V±1V (S1PXW-DC12-ANT2), DC24V±2V (S1PXW-DC24-ANT2)

Working Frequency: 433.92MHz

Channel: 1 CH

Control Modes: Toggle, Momentary, Latched

Maximum Working Current: 30A

Static Current: ≤6mA

PCB size: 140mm x 73mm x 18mm

Case size: 192mm x 100mm x 45mm

Work with custom code transmitters.

Notice:

The receiver can only pair six different model transmitters, model CC-1, CC-2 CC-4, CCW-1, CCW-2 or CCW-4. You can use one transmitter CC-4 with four buttons to control four receivers.

External Magnetic Sucker Antenna:

Frequency Range: 300~450MHz

Impedance: 50Ω

Antenna Length: 15cm

Cable Length: 5meters, we also can offer longer cable, such as 10meters or 30meters.

Weight: 85g

Anti-interference, waterproof, shielded wire set inside

Magnetic stand design for easy to install

With SMA connector

Usage (with the transmitter):

Connect DC power to terminals "+" and "-", and connect lamp to terminals "A" and "B".

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 (with transmitter CC-1): Turn on the first bit of the dip switch.

Control mode Toggle: Press -> On; Press again -> Off.

Press the button of the transmitter: Terminals A and B output DC power

Press the button again: Terminal A and B stop outputting.

Setting control mode Momentary (with transmitter CC-1): Turn on the first and the second bits of the dip switch.

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

Press and hold button of the transmitter: Terminals A and B output DC power

Release the button: Terminals A and B stop outputting.

Setting control mode Latched (with transmitter CC-2): Turn on the second bit of the dip switch.

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

Press the big button of the transmitter: Terminals A and B output DC power

Press the small button of the transmitter: Terminals A and B stop outputting.

The manual terminals:

You can connect a manual switch to control the output of this receiver.

When connect terminals 1 and 3, Terminals A and B output DC power. And when disconnect terminals 1 and 3, Terminals A and B stop outputting.

Feedback function:

If you want to have a feedback function (with transmitter CC-2): Turn on the third bit of the dip switch.

When the receiver gets the signal of transmitter, it will immediately send a return signal to the transmitter. When the transmitter receive the feedback signal of the receiver, the transmitter will exude a buzzing sound like "D~" which means it receive the feedback signal successfully.

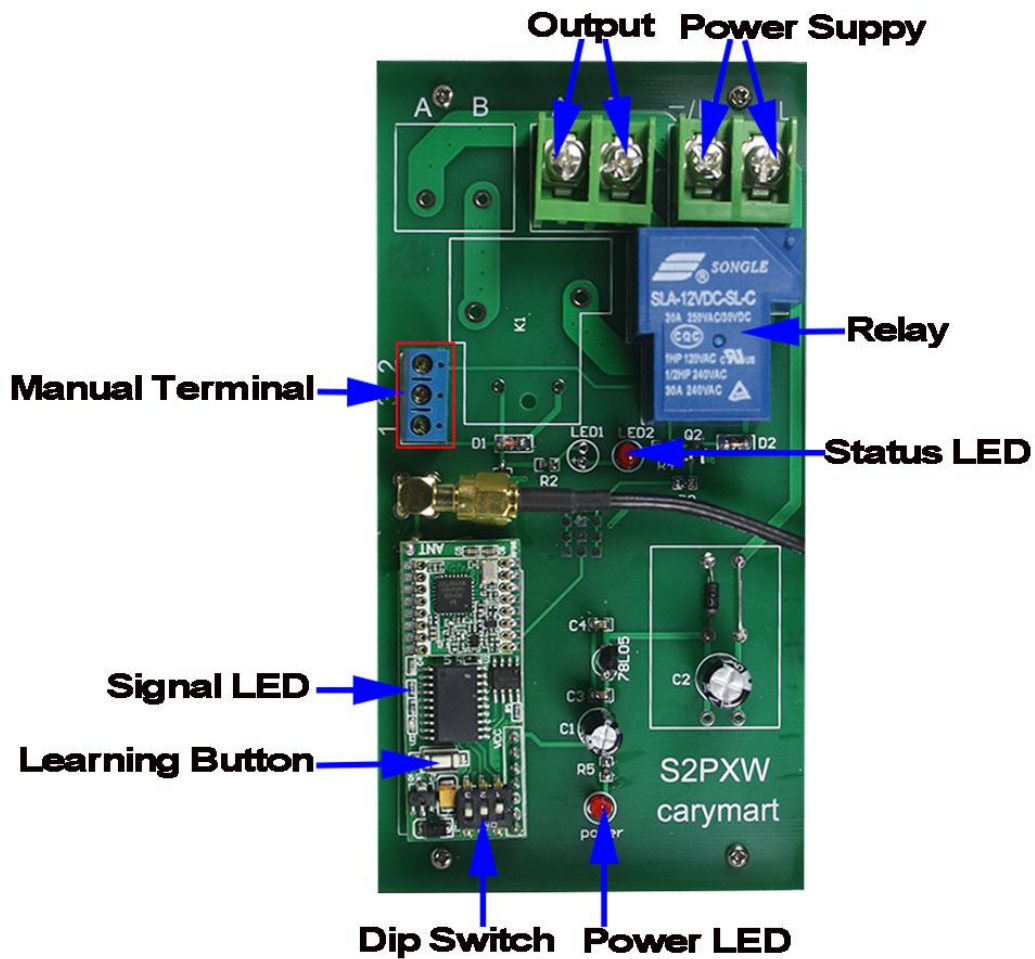
How to pair the transmitter to the receiver:

- 1) Press button K1 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 remote control. If signal LED flashes twice, it means learning is successful.

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 button of receiver until signal LED flashes three times. That means all stored codes have been deleted successfully.



Control DC Equipment

