

## 4 Button 5000M Longest Distance Two-way Waterproof RF Remote Control / Transmitter

### Feature:

Longest distance, two-way model with feedback function.

Waterproof case with external magnetic sucker antenna, external power socket and power switch.

With a receiver to form a complete set, the distance can reach 5000m which is the longest distance of the transmitter.

Two-way model: when the receiver gets the signal of transmitter, it will immediately send a return signal to the transmitter.

When the transmitter receives the feedback signal of receiver, it will exude a buzzing sound.

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

Use Spread Spectrum Communication Technology that can highly improve anti-interference capacity.

America imported chips for ensuring reliability and assuring the high quality of the products.

### Product Description:

Model No.: 0021066(CCW-4)

Channel/Button: 4

Button Symbol: no symbol

Operating Voltage: 9V~12V (the transmitter can work both in 9~12V power adapter and in an internal 6F-22 9V battery, but power adapter and battery can't be used at the same time).

Working Current: 65mA (when the transmitter is transmitting the signal), 16mA( when the transmitter is receiving the signal).

Standby Current: 5 $\mu$ A

Operating Frequency: 433.92Mhz

Encoding Type: custom code

Transmitting Distance: 5000m / 16000ft (theoretically)

The distance of 5000m is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be exposed to some interference by other signals. Therefore, the actual distance may or may not reach 5000m.

Modulation Mode: FSK+LORA

Feedback indication: buzzing sound

Operating Temperature: -10 ° C to +70 ° C

Shell Size: 100mm x 68mm x 50mm

Weight: 195g

Uses: Household control products, agricultural control products and industrial control products. 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.

### Notice:

This transmitter can be used only with 5000m series RF receivers, like model S1PUW-DC12-ANT2, S2PUW-DC12-ANT2, S1PUW-AC220-ANT2, S2PUW-AC220-ANT2, S4PUW-DC12-ANT2, S4PUW-AC220-ANT2, ect.

### External Magnetic Sucker Antenna:

Frequency Range: 300~450MHz

Impedance: 50 $\Omega$

Antenna Length: 15cm

Cable Length: 1.5 meters, we also can offer longer cable, such as 5meters, 10meters or 30meters.

Anti-interference, waterproof, shielded wire set inside

Magnetic stand design for easy to install

With SMA connector

### How to set the two-way model (with the receiver):

- 1) If you want to have a feedback function, do as followings:
- 2) Connect "J1" on the transmitter circuit board.
- 3) Press the button of the transmitter, the transmitter will send a signal to the receiver, when the receiver gets the signal, it will immediately send a return signal to the transmitter.
- 4) When you release the button on the transmitter, it will immediately receive the feedback signal of the receiver within 1 second, if the transmitter exuded a buzzing sound like "D~" which means it receive the feedback signal successfully.
- 5) After 1 second, the transmitter will turn back to standby.
- 6) If you don't want to have such function: disconnect "J1" on the transmitter circuit board.
- 7) Please turn off the power supply if you don't use the transmitter for a long time.



