

#### **4-channel DC 12V / 24V radio remote control set - radio transmitter with radio receiver with 4 control mode**

delivery

1 x receiver

1 x transmitter with battery

characteristic

Wireless control, easy to install.

LED indicator: working status is clear at first glance, chip is more compatible with remote control of fixed code and learning code, easy to use.

With learn button you can simply delete the code or learn.

In the opposite of the board there is the symbol of 1,2,3,4, which means the position of jumper, and by jumper one can set the control mode.

Application: light, television, motors, fans, cameras, video signals, audio signals, electric doors / locks / windows / blinds / cars or other devices.

You could turn the receiver on / off with a transmitter (remote control) from any location within a reliable distance. The wireless radio signals can run through walls, floors and doors

Reliable control: The transmitter (encoding) and the receiver (decoding) use an 8-bit code.

One or more transmitters can simultaneously control one or more receivers.

If you use two or more receivers in the same place, you can set them with different codes.

parameter

Item Type: Switch

Model: APDC-4PC-B

Coverage: 200m

Features: Input DC12V / DC 5V / DC 24V

Working range of relay: AC110 ~ 240V or DC0 ~ 28V (relay output can control DC and AC devices)

Switch Type: Remote control

Channel: 4 channels

Working temperature: -10°C- + 70°C

Operating voltage: 12V

Maximum operating current: 10A

Working frequency: 315MHz / 433MHz

Sensitivity:  $\geq$ -102dBm

Encoding type: learning code

Size Receiver: 68mm x 48mm x 19mm

Transmitter Size: 85 \* 36 \* 13mm

Antenna: with internal antenna

Control mode Description

Toggle (1 button on / same button off)

Latch (1 key on / another key off)

Momentary (pushbutton function, relay moves as long as button is pressed)

Set the control mode

Toggle: Jump to 1 + 2, jumper to 3 + 4

Toggle (Channel 1 ~ 4): Press -> Open; Press again -> Close.

Press A, channel 1 is switched on, press again, channel 1 is switched off. etc..

Momentary: no jumper

Currently (Channel 1 ~ 4): Press and hold-> Open; Freed -> Close.

Press A, channel 1 is switched on, release button A, channel 1 is switched off. etc..

Latch: Jumper Only on 1 + 2

Control mode Latched (Channel 1 ~ 4): Press -> Open, other relays off; Press other key -> Close.

Press A, channel 1 is switched on; Press B button, channel 2 is switched on, and channel 1 is switched off. etc..

Toggle + Momentary: Jumper Only on 3 + 4

Two channels are toggle and other two channels are momentary



#### Learning and steps

1. Press the learn button of the receiver until the LED indicator lights up, the receiver remains in the status of READING.
2. Then you can press any button. If the LED flashes 6 times, it means that the learning is successful.

#### Delete the learned code

If you lose your remote, you can also delete code.

Press the button on the receiver until the LED light flashes slowly, then release the button, then LED light remains slowly flashing. It means that all stored codes have been deleted successfully.

#### reach

Max. Range in free field: 200m (maximum range of the sensor / signal under optimal conditions, or in the open field / with clear visual connection.)

#### Note

The hand transmitters have a range in the free field of about 200m. Constructions, interfering radiation and interference fields reduce the range.

The control should not be installed in the direct vicinity of metallic surfaces. Strong local transmitters (e.g., radio headphones whose transmit frequency is identical to the controller may interfere with reception.)

#### Technical Specifications:

Operating Voltage: DC12V (23A battery)

Operating frequency: 315 MHz / 433MHz

Standby current: 0 mA

Operating current: 35mA

Coding: fixed code (welding pattern)

Transmission distance:> 1000m (in sensitivity -103dBm)

Modulation: OOK (AM)

Size: 85 \* 36 \* 13mm