

12-channel DC radio remote control Radio receiver Radio switch system 5V 12V 24V - 12 button Transmitter & receiver for light motor pump High range Home / industrial automation Radio remote switch

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.

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-12L

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: 12 channels

Working temperature: -10°C- + 70°C

Operating voltage: 12V

Maximum operating current: 10A

Working frequency: 315MHz / 433MHz

Sensitivity: $\geq -102\text{dBm}$

Encoding type: learning code

Size Receiver: 68mm x 48mm x 19mm

Transmitter Size: 127 * 41 * 20mm

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 pulls as long as button pressed)

Set the control mode

Toggle: When the receiver is in the LEARNING state, press the 1 button on the remote control.

Toggle (Channel 1 ~ 12): Press -> Open; Press again -> Close.

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

Momentary: When the receiver is in the LEARNING state, press the 2 button on the remote control.

Currently (Channel 1 ~ 12): Press and hold-> Open; Freed -> Close.

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

Latch: When the receiver is in the LEARNING state, press the 3 button on the remote control.

Control mode Latched (Channel 1 ~ 12): 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: When the receiver is in the LEARNING state, press the 4 button on the remote control.

Control Mode Toggle (Channel 1 ~ 6) + Control Mode Momentary (Channel 7 ~ 12)

Toggle + Momentary: When the receiver is in the LEARNING state, press the 5 button on the remote control.

Control Mode Toggle (ONLY Channel 1) + Control Mode Momentary (Channel 2 ~ 12)

ATTENTION: If you want to use other control modes, you need to delete the original modes.

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 the key according to your request. If the LED flashes 1 time (the buzzer sounded once), it means that the learning is successful.

Delete the learned code

Press and hold the receiver's learn button for 8 seconds until the LED indicator is off (Buzzer sounded for about three seconds), it means that all saved codes have been successfully deleted.

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

- 1, the operating voltage: 12 V DC (5 V DC, 24 V DC)
- 2, the rest current: $\leq 7\text{ma}$
- 3, operating temperature: $-20\text{ }^{\circ}\text{C} - + 70\text{ }^{\circ}\text{C}$
- 4, Reception sensitivity: $\geq -107\text{dBm}$
- 5, operating frequency: 315 MHz to 433 MHz
- 6, the control voltage: AC, DC optional
- 7, the output current: $\leq 5\text{A}$
8. Plate size: 92.6mm x 73.5mm x 18mm
- 9, housing size: 100mm x 80mm x 28mm