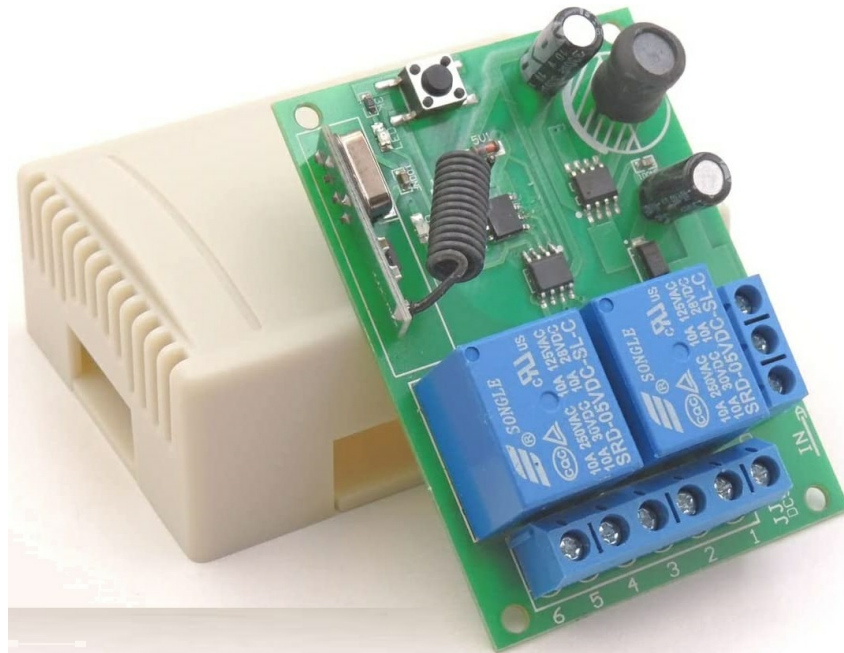


DieseRC DC12V Universal Wireless Remote Control Switch User Manual

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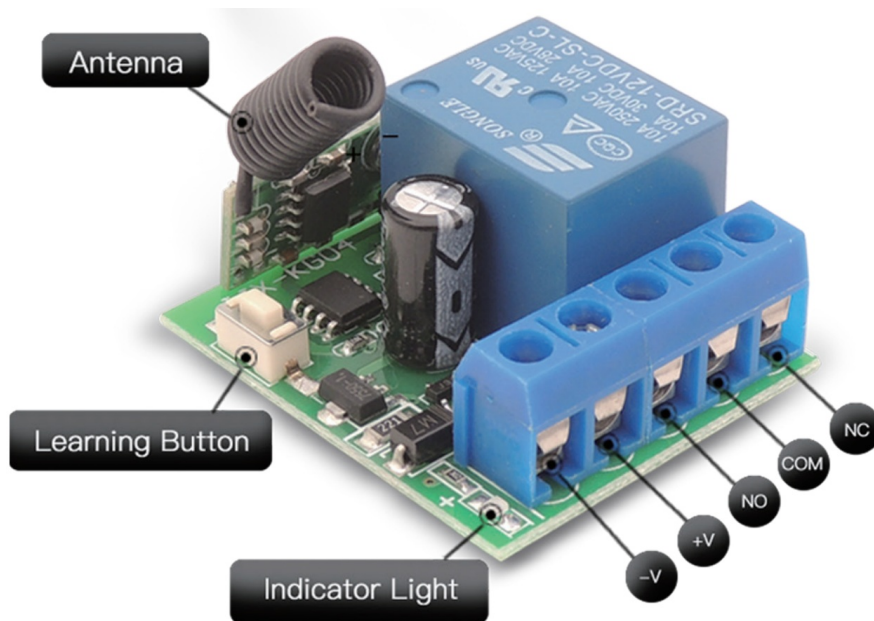
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PRODUCT INFORMATION

Technical Data

- **Working voltage:** DC12V
- **Input/output voltage:** 1~250V
- **Output Type:** Passive output
- **Quiescent Current:** <5mA
- **Max current:** 10A
- **RF frequency:** 433MHz
- **Working temperature:** -30~+80
- **Receiving Sensitivity:** >97dbm
- **Amount of storage remote controls:** 20 pieces
- **Support encoding:** 1527 Learning code 2262 fixed code
- **RF Operating mode:** ASK superheterodyne wireless reception
- **Receiving range:** Open space is more than 50 meters
- **Remote operating mode:** Momentary Mode /Toggle Mode /Latched Mode /Delay Mode

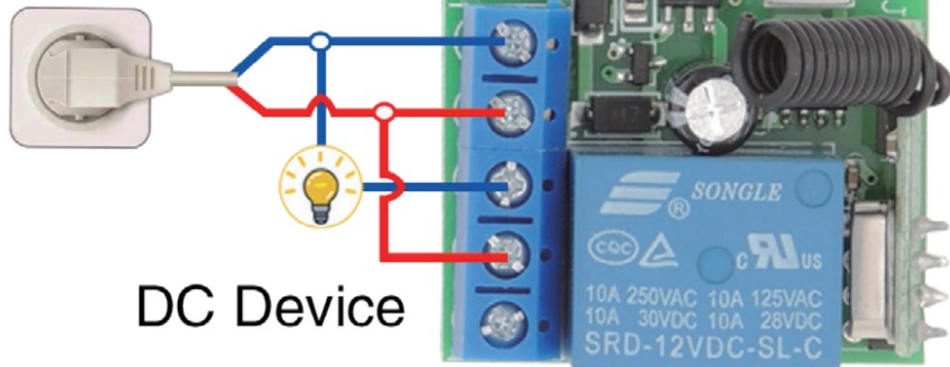
PRODUCT DETAIL



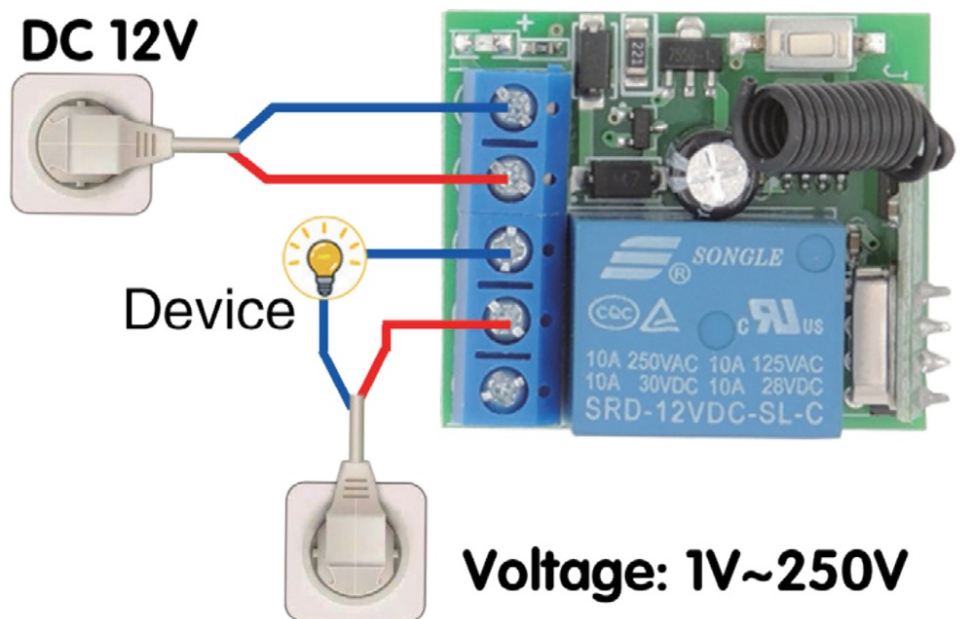
- **NO:**Normally open pin
- **COM:** Common pin
- **NC:** Normally closed pin

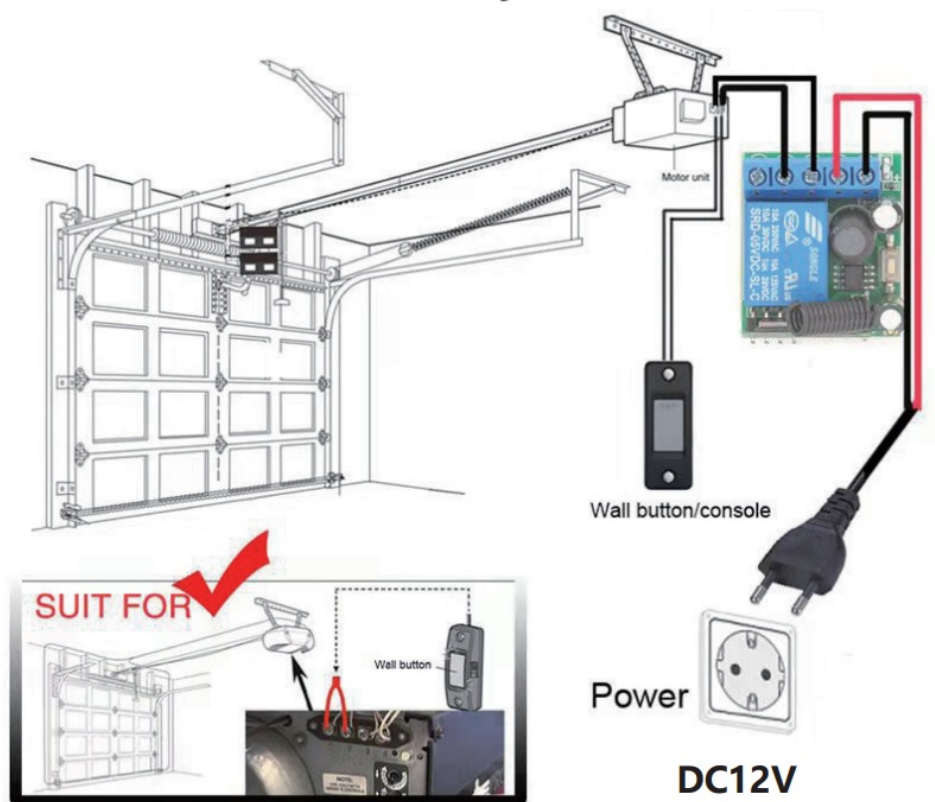
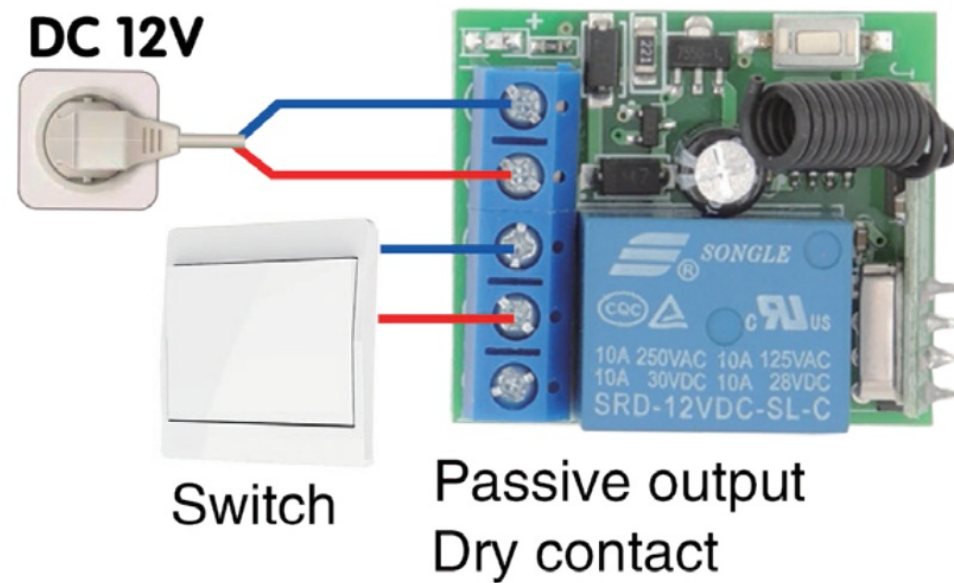
WIRING DIAGRAM

DC 12V



DC 12V





Warning

1. Usually the receiver and transmitter have been paired with each other in factory. If not, please reprogram them.
2. Reset before you want to change the operating mode.
3. After reset, all the remote controls cannot work anymore.
4. Replace the battery in time when the remote transmitter voltage is low. To get the stronger signal transmission.
5. Slightly stretch the antenna on the receiver for better signal reception.
6. The remote transmitter need to have 2 or more buttons, if you want to set up in latched mode.
7. The output type is passive output / potential-free contacts.

Operating Mode

Momentary Mode:

1. Press and hold the button, relay will turn on;
2. Release the button, this relay will turn off.

How to program

1. Press the learning button (on the receiver) 1 time. The indicator LED on the receiver will light up;
2. Press one button on the remote transmitter. The indicator LED on the receiver will flashing several times and then light down. Succeed.

Toggle Mode:

1. Press button "A", relay will turn on;
2. Press button "A" again, this relay will turn off.

How to program

1. Press the learning button (on the receiver) 2 times. The indicator LED on the receiver will light up;
2. Press one button on the remote transmitter. The indicator LED on the receiver will flashing several times and then light down. Succeed.

Latched mode:

1. Press button "A", relay will turn on;
2. Press button "B", this relay will turn off.

How to program

1. Press the learning button (on the receiver) 3 times. The indicator LED on the receiver will light up;
2. Press button "A" on the remote transmitter. The indicator LED on the receiver will flashing several times and then light up;
3. Press button "B" on the remote transmitter. The indicator LED on the receiver will light down. Succeed.

Delay Mode:

1. Press and hold on the button, relay will turn on;
2. Release the button, this relay will turn off after 5 seconds (10/15/20 seconds).

How to program

1. Press the learning button (on the Receiver) 4 times (or 5/6/7 times). The indicator LED on the receiver will light up;
2. Press one button on the remote transmitter. The indicator LED on the receiver will flashing several times and then light down. Succeed.

Reset

Press the learning button (on the receiver) 8 times. The indicator LED on the receiver will flashing several times and then light down. succeed.

Troubleshooting

If the receiver and transmitter cannot operate normally, try to solve the problem by follow the step below.

1. Please check if batteries power is used up. The indicator LED on remote transmitter does not light up or is dimly lit.
2. Please check if your receiver is wired correctly. It is important to make sure the wiring is correct.
3. Reprogram the receiver and transmitter. Usually this can solve a lot of problem.
4. If the problem still remains, please contact us in time. We will do our best to solve your problem.

Email: "dieseelectronic@163.com" or

WhatsApp: +86 13502278583

Support

If there is any questions about the products,please contact us firstly. We will do our best to solve your problem.
Thank you.

Huizhou Wenqiao Electronic Technology Co., Ltd.

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Documents / Resources



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