



DieseRC 5302G Channel Wireless Relay Remote Control Switch Instruction Manual

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DieseRC 5302G Channel Wireless Relay Remote Control Switch



Product Information

Specifications

- **Working voltage:** DC 5V~30V
- **Input/output voltage:** 1~250V
- **Output Type:** Passive output
- **Quiescent Current:** 97dbm
- **Max current:** Not specified
- **RF frequency:** Not specified
- **Working temperature:** Not specified
- **Receiving Sensitivity:** Not specified
- **Amount of storage remote controls:** 20 pieces
- **Support encoding:** 1527 Learning code
- **RF Operating mode:** ASK superheterodyne wireless reception
- **Receiving range:** Open space is more than 50 meters

FAQ

- **Q:** What is the working voltage of the product?
 - **A:** The working voltage of the product is DC 5V~30V.
- **Q:** How many remote controls can be stored in the product?
 - **A:** The product can store up to 20 remote controls.
- **Q:** What is the maximum range for receiving signals?
 - **A:** The product has a receiving range of more than 50 meters in open space.
- **Q:** How do I reset the receiver?

- **A:** To reset the receiver, press the learning button on the receiver eight times. The indicator LED on the receiver will flash several times and then light up.

Product Usage Instructions

Operating Modes

Momentary Mode

1. Press and hold button A, relay 1 will turn on.
2. Release button A, relay 1 will turn off.

Toggle Mode

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

Latched Mode

1. Press button A, relay 1 will turn on.
2. Press button B, relay 2 will turn on and relay 1 will turn off simultaneously.

Programming Instructions

Momentary Mode

1. Press the learning button on the receiver once. The indicator LED on the receiver will light down.
2. Press button A on the remote transmitter. The indicator LED on the receiver will flash several times and then light down.
3. Press button B on the remote transmitter. The indicator LED on the receiver will flash several times and then light up. Succeed.

Toggle Mode

1. Press the learning button on the receiver twice. The indicator LED on the receiver will light down.
2. Press button A on the remote transmitter. The indicator LED on the receiver will flash several times and then light down.
3. Press button B on the remote transmitter. The indicator LED on the receiver will flash several times and then light up. Succeed.

Latched Mode

1. Press the learning button on the receiver three times. The indicator LED on the receiver will light down.
2. Press button A on the remote transmitter. The indicator LED on the receiver will flash several times and then light down.

- Press button B on the remote transmitter. The indicator LED on the receiver will flash several times and then light up. Succeed.

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

PRODUCT INFORMATION

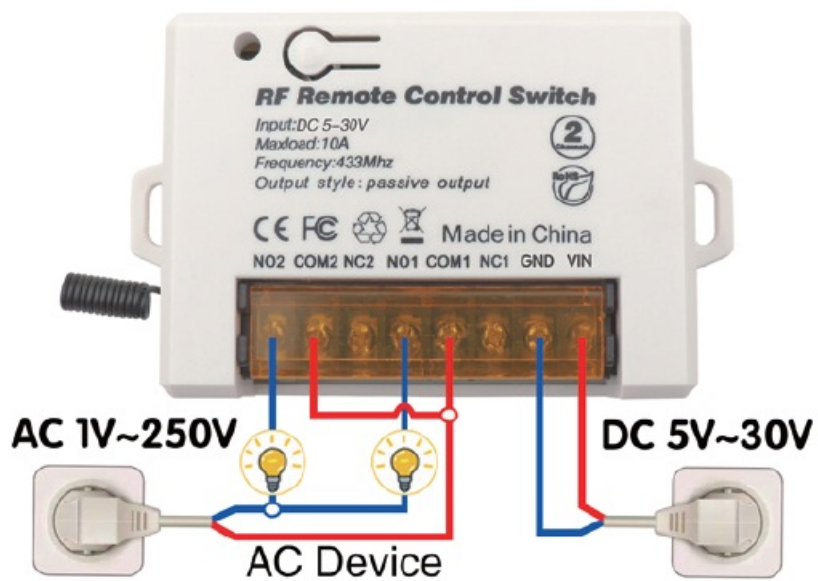
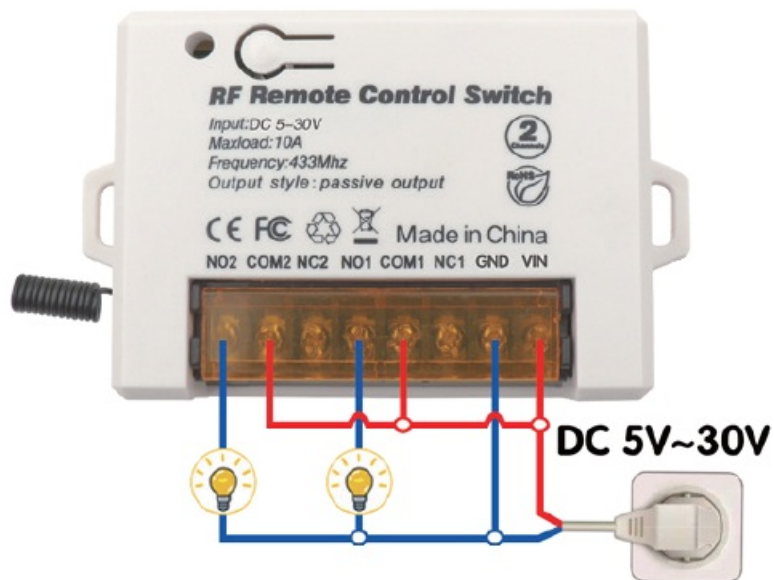
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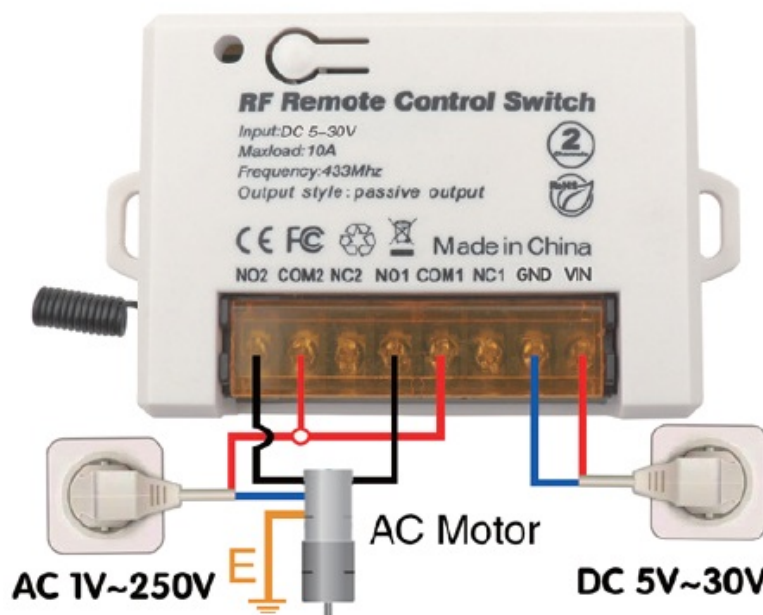
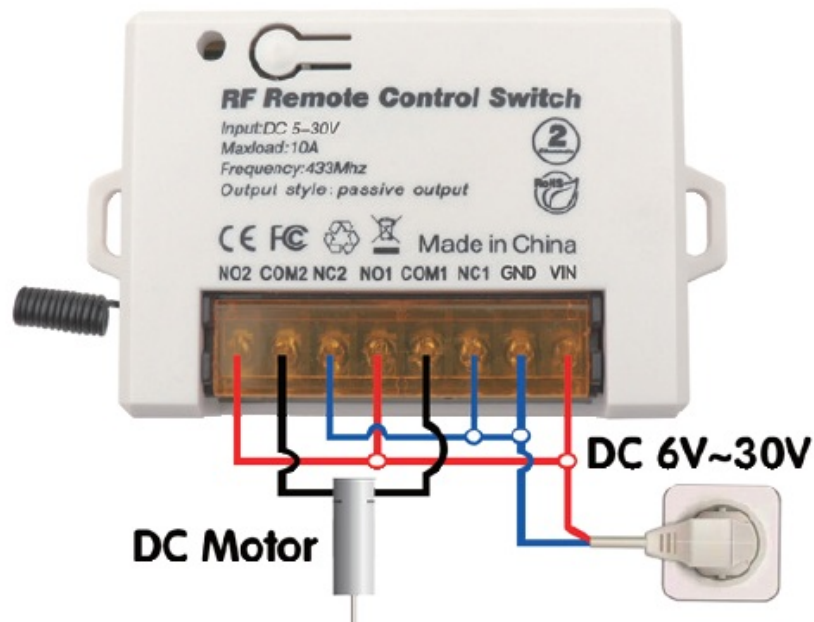
Technical Data	
Working voltage	DC 5V~30V
Input/output voltage	1~250V
Output Type	Passive output
Quiescent Current	<5MA
Max current	10A
RF frequency	433MHz
Working temperature	-30~+80
Receiving Sensitivity	>97dbm
Amount of storage remote controls	20 pieces
Support encoding	1527 Leaning code
RF Operating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

PRODUCT DETAIL



WIRING DIAGRAM





Warning

1. Usually the receiver and transmitter have been paired with each other in factory. If not, you can reprogram by yourself.
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 3 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 on button "A", relay "1" will turn on;

2. Release the button “A”, this relay “1” will turn off.

How to program

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

Toggle Mode

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

How to program

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

Latched mode

1. Press button “A”, relay “1” will turn on;
2. Press button “B”, relay “2” will turn on, at the same time relay “1” will turn off.

How to program

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

Reset

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

Work volts: DC 5V~30V


Max current: 10Amp

Contact

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Documents / Resources

	DieseRC 5302G Channel Wireless Relay Remote Control Switch [pdf] Instruction Manual 5302G Channel Wireless Relay Remote Control Switch, 5302G, Channel Wireless Relay Remote Control Switch, Wireless Relay Remote Control Switch, Relay Remote Control Switch, Remote Control Switch, Control Switch, Switch
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References

- [User Manual](#)