



# DieseRC 5301 Wireless Remote Control Switch Instruction Manual

[Home](#) » [DieseRC](#) » [DieseRC 5301 Wireless Remote Control Switch Instruction Manual](#) 

## Contents

- [1 DieseRC 5301 Wireless Remote Control Switch](#)
- [2 Specifications](#)
- [3 PRODUCT INFORMATION](#)
- [4 PRODUCT DETAIL](#)
- [5 WIRING DIAGRAM](#)
- [6 Operating Mode](#)
- [7 CUSTOMER SERVICE](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)
- [9 Related Posts](#)



# DieseRC

**DieseRC 5301 Wireless Remote Control Switch**



## 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, 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 Mod

## RELAY REMOTE CONTROL SWITCH

## PRODUCT INFORMATION

TYPE—5301

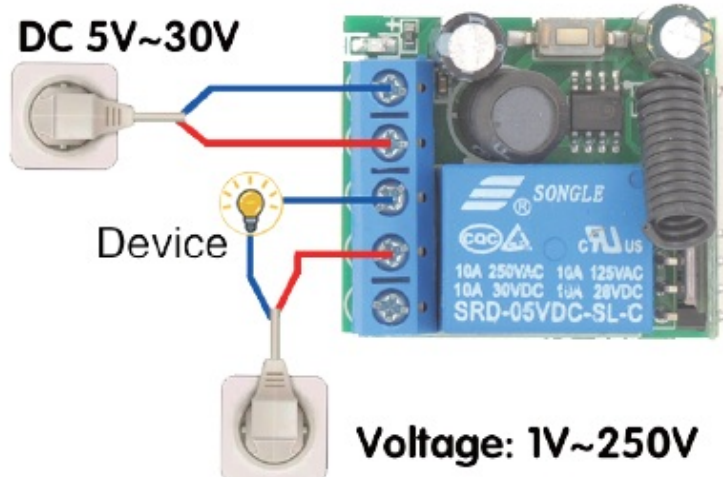
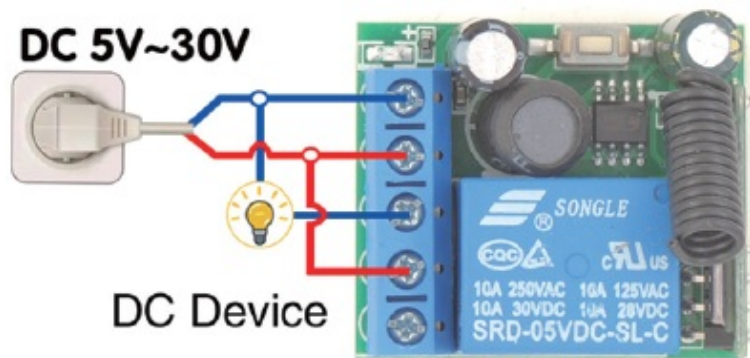
Technical Data	
Working voltage	DC 5V~30V
Input/output voltage	1~250V
Output Type	Passive output
Quiescent Current	<5MA
Max current	10A
RF frequency	433MHz
Working temperature	-30~+80
Receiving Sensitivity	>97dbm
Amount of storage remote controls	20 pieces
Support encoding	1527 Learning code 2262 fixed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

## PRODUCT DETAIL

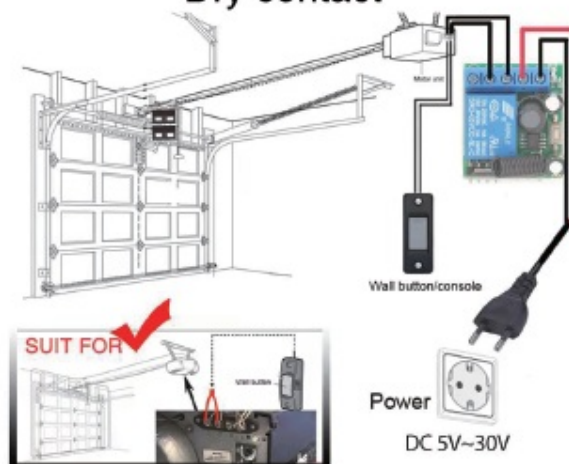
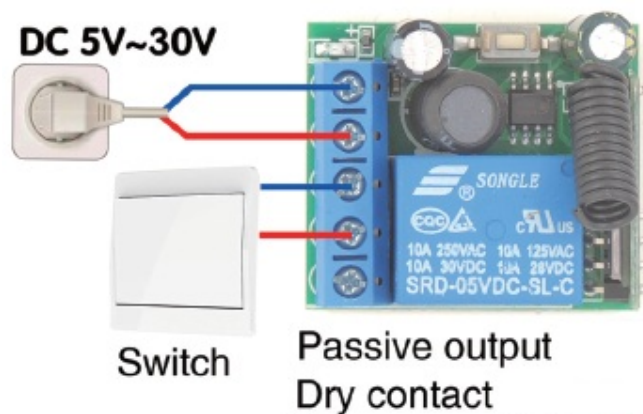


- **NO:** Normally open pin
- **COM:** Common pin
- **NC:** Normally closed pin

## WIRING DIAGRAM



## WIRING DIAGRAM



## 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:**

Press and hold on the button, relay will turn on;

## **CUSTOMER SERVICE**

- **Work volts:** DC5V~30V
- **Max current:** 10Amp

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

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## Documents / Resources



[DieseRC 5301 Wireless Remote Control Switch](#) [pdf] Instruction Manual  
5301 Wireless Remote Control Switch, 5301, Wireless Remote Control Switch, Remote Control Switch, Control Switch, Switch

## References

- [User Manual](#)