



DieseRC 2201 Radio Frequency Light Remote Control Switch Instruction Manual

[Home](#) » [DieseRC](#) » DieseRC 2201 Radio Frequency Light Remote Control Switch Instruction Manual 

Contents

- [1 DieseRC 2201 Radio Frequency Light Remote Control Switch](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Safety Warning](#)
- [5 PRODUCT INFORMATION](#)
- [6 PRODUCT DETAIL](#)
- [7 WIRING DIAGRAM](#)
- [8 Operating Mode](#)
- [9 Troubleshooting](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



DieseRC 2201 Radio Frequency Light Remote Control Switch



Product Information

Specifications

- **Type:** 2201
- **Working Voltage:** AC 85V~250V
- **Input/Output Voltage:** AC 85V~250V
- **Output Type Quiescent Current:** Active output 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

Product Usage Instructions

Warning

1. Usually, the receiver and transmitter have been paired with each other in the 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 obtain stronger signal transmission.
5. Slightly stretch the antenna on the receiver for better signal reception.
6. The remote transmitter needs to have 2 or more buttons if you want to set up in latched mode.
7. The output type is active output.

Operating Modes

- **Momentary Mode**
 - Press and hold the button, the relay will turn on.

- Release the button, the relay will turn off.
- **Toggle Mode**
 - Press button A, the relay will turn on.
 - Press button A again, the relay will turn off.
- **Latched Mode**
 - Press button A, the relay will turn on.
 - Press button B, the relay will turn off.

Programming Instructions

1. Momentary Mode

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

2. Toggle Mode

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

3. Latched Mode

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

4. Reset Instructions

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

FAQ

• Q: How many remote controls can be stored in the receiver?

A: The receiver can store up to 20 remote controls.

• Q: What is the maximum range for wireless reception?

A: The receiving range is more than 50 meters in an open space.

• Q: What type of output does the product have?

A: The output type is active output.

• Q: What should I do if the remote transmitter battery is low?

A: Replace the battery in time to ensure stronger signal transmission.

• Q: How can I improve the signal reception?

A: Slightly stretch the antenna on the receiver for better signal reception.

• Q: Can I use the product in latched mode with a remote transmitter that has only one button?

A: No, the remote transmitter needs to have 2 or more buttons for latched mode.

• Q: How can I contact customer support?

A: For any questions or problems, please email dieseelectronic@163.com or contact via WhatsApp at +86

13502278583.

Contact Information

Huizhou Wenqiao Electronic Technology Co., Ltd.

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WhatsApp: +86 13502278583 / +86 18138805271

Email: dieseelectronic@163.com

Safety 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 active output.

PRODUCT INFORMATION

Technical Data

- **Working voltage:** AC 85V~250V
- **Input/output voltage:** AC 85V~250V
- **Output Type:** Active 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

PRODUCT DETAIL

Input volts: AC 85V~250V
Output volts: AC 85V~250V



- N: Neutral line
- L: Living line

WIRING DIAGRAM



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.

- **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"](mailto:dieseelectronic@163.com) or **WhatsApp:** +86 13502278583

CUSTOMER SERVICE

- **Work volts:** AC 85V~250V
- **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.

Huizhou Wenqiao Electronic Technology Co., Ltd.

Address: 1203, Building T19, Fangzhilonghuwan, Sanhuan South Road, Huicheng District, Huizhou City, Guangdong Province, China 516000

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Documents / Resources

	DieseRC 2201 Radio Frequency Light Remote Control Switch [pdf] Instruction Manual 2201 Radio Frequency Light Remote Control Switch, 2201, Radio Frequency Light Remote Control Switch, Light Remote Control Switch, Remote Control Switch, Control Switch
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References

- [User Manual](#)