Manuals+ — User Manuals Simplified.

DieseRC 2202G RF Relay Remote Control Switch User Manual

Contents

DieseRC 2202G RF Relay Remote Control Switch

Product Information

- Type: 2202G
- Working voltage: AC 90V~250V 50/60Hz
- Input/output voltage: 1~250V
- Output Type: Passive
- Quiescent Current: 97dbm
- Max current: N/A
- RF frequency: N/A
- Working temperature: N/A
- Receiving Sensitivity: N/A
- 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

Product Usage Instructions

Momentary Mode:

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

Programming:

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. Programming is successful.

Toggle Mode:

1. Press button A to turn on relay 1.
2. Press button A again to turn off relay 1.

Programming:

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. Programming is successful.

Latched Mode:

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

Programming:

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.
3. Press button B on the remote transmitter. The indicator LED on the receiver will flash several times and then light up. Programming is successful.

Reset:
Press the learning button on the receiver eight times. The indicator LED on the receiver will flash several times and then light up. Reset is successful.

Troubleshooting:
If the receiver and transmitter cannot operate normally, try to solve the problem by following these steps:

1. Check if the batteries in the remote transmitter are used up.
   The indicator LED on the remote transmitter does not light up or is dimly lit.
2. Check if the receiver is wired correctly. Ensure the wiring is correct.
3. Reprogram the receiver and transmitter. This can often solve many problems.
4. If the problem still persists, please contact us for assistance. Email: dieseelectronic@163.com or WhatsApp: +86 13502278583
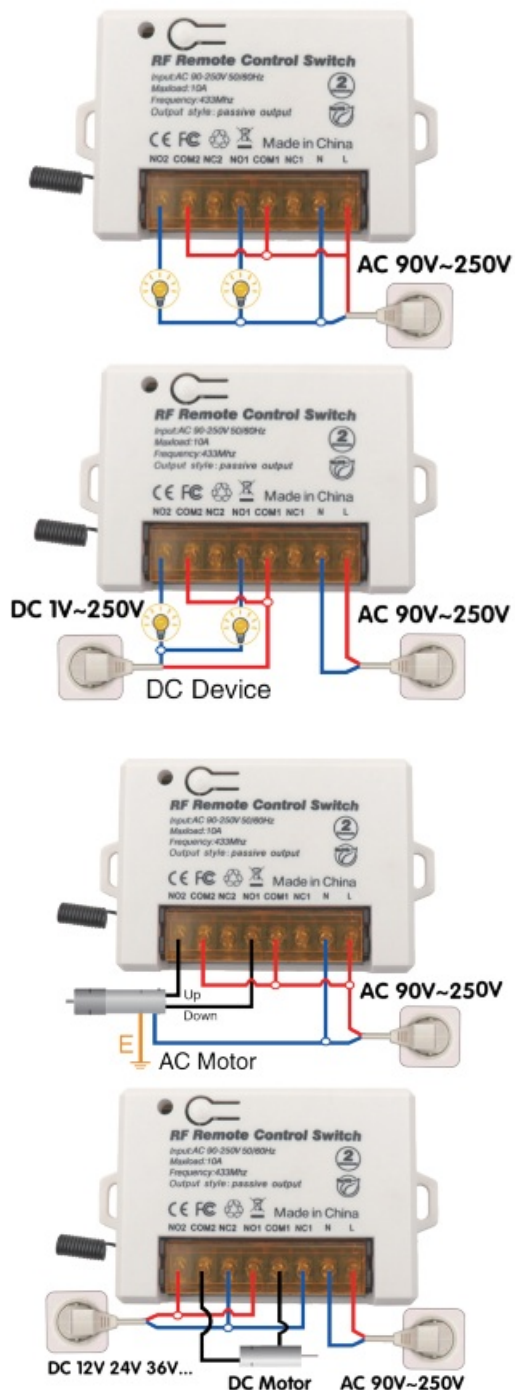
PRODUCT INFORMATION

TYPE: 2202G

Technical Data	
Working voltage	AC 90V~250V 50/60Hz
Input/output vlotage	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 Ovperating 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

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

WIRING DIAGRAM

AC 90V~250V

DC 1V~250V   AC 90V~250V

DC Device

Up
Down

AC 90V~250V

E

AC Motor

DC 12V 24V 36V...   DC Motor   AC 90V~250V

Warning

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

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 How to program
3. Press the learning button (on the receiver) 1 The indicator LED on the receiver will light down;
4. Press button "A" on the remote The indicator LED on the receiver will flashing several times and then light down;
5. Press button "B" on the remote 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 How to program
3. Press the learning button (on the receiver) 2 times. The indicator LED on the receiver will light down;
4. Press button "A" on the remote The indicator LED on the receiver will flashing several times and then light down;
5. 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 How to program
3. Press the learning button (on the receiver) 3 times. The indicator LED on the receiver will light down;

- Press button "A" on the remote The indicator LED on the receiver will flashing several times and then light down;
- Press button "B" on the remote 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.

- Please check if batteries power is used The indicator LED on remote transmitter does not light up or is dimly lit.
- Please check if your receiver is wired It is important to make sure the wiring is correct.
- Reprogram the receiver and Usually this can solve a lot of problem.
- If the problem still remains, please contact us in We will do our best to solve your problem. Email: "**dieseelectronic@163.com**" or WhatsApp: +86 13502278583

CUSTOMER SERVICE

Work volts: AC 90V~250V Max current:10Amp If there is any questions about the products,please contact us first. We will do our best to solve your problem. Thank you
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Documents / Resources

	DieseRC 2202G RF Relay Remote Control Switch [pdf] User Manual 2202G, 2202G RF Relay Remote Control Switch, RF Relay Remote Control Switch, Relay Remote Control Switch, Remote Control Switch, Control Switch, Switch