



RS420PC

Two channel Wireless Intelligent Receiver

I. Main technical indexes

- **Voltage:** DC12V-30V, AC220V (optional; for input, no polarity)
- **Working temperature:** -40°C--+80°C
- **Frequency:** 315MHz, 433MHz (optional)
- **Receiver capacity:** 500
- **Sensitivity:** $\leq -105\text{dBm}$
- **Contact current:** $\leq 10\text{A}$
- **Size:** 100×61×29.5mm

II. Learning & Clear Code Mode

Simultaneously keep pressing "Upward" button and "Downward" button for 1s, LED will light and buzzer will ring three times. Now if release the button, then it will enter into learning mode and after finishing one remote control learning, buzzer on Receiver will ring two times as a warning to indicate that Receiver and remote control have been matched successfully. If no learning of a new remote control for 5s, buzzer will ring 5 times and then exit learning mode.

This product can learn 500 remote control of the same type. The type of remote control can be set by D2P Switch in function setting.

If simultaneously keep pressing "Upward" button and "Downward" button without releasing, after 5s, it will enter into Deleting mode and all learnt code will be eliminated. Buzzer will ring one time but the sound lasts longer, and then clearing code is done, LED light goes out.

III. Function Mode: Controlled by 3, 4, 5 of D2P Switch in Function Setting

1 means ON, 0 means OFF, X means arbitrary value

keycode \ keycode	3	4	5
Monetary	0	0	0
Toggle	0	1	0
Latch	0	0	1
Delayed	0	1	1
Latch & Toggle	1	x	x

IV.Delayed Time: Controlled by 1,2 of D2P Switch in Function Setting

1 means ON, 0 means OFF

keycode \ Delayed time	1	2
1S	0	0
3S	1	0
10S	0	1
30S	1	1

V.Receiving Mode:Controlled by 6,7,8 of D2PSwitch in Function Setting

1 means ON, 0 means OFF

Keycode \ Receiving mode	6	7	8
1527	0	0	0
2262	1	0	0
6P20B	0	1	0
301-simple	0	0	1
301-normal	1	1	0

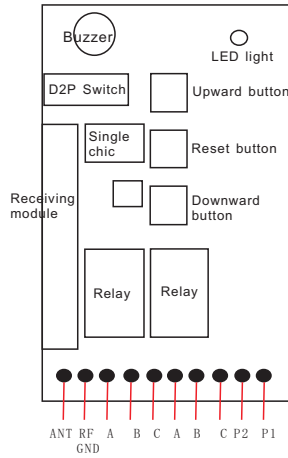
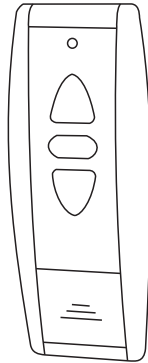
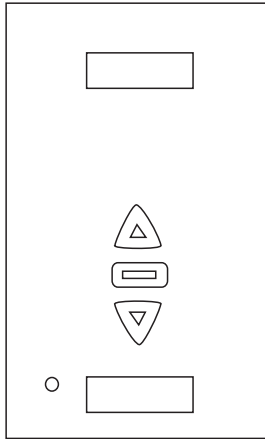
VI.Manually Control Button

Pressing "Upward" button will correspond the first relay. Pressing "Downward" button will correspond to the second relay. Function mode is controlled by D2P Switch in function setting.

VII.Manual Reset Function

When Receiver has outputs, LED light illuminates for a long time. Now press "Reset" button, Receiver output will reset.

VIII.Wiring Diagram



P1: Power input(no polarity)
 P2: Power input2(no polarity)
 A: NO
 B: COM
 C:NC
 RFGND: Wireless receiving ground
 ANT: Wireless receiving antenna