

# R5111/R5113/R5115/R5117/R5110/R5112 2-channel receiver User manual

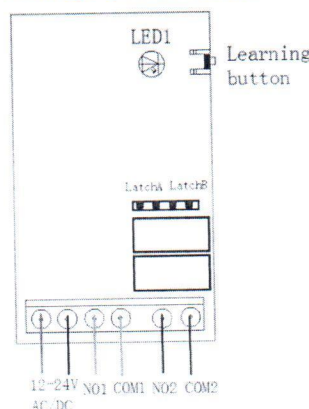
## I. Safety Instruction

1. For security, please read instructions carefully before initial operation; making sure that the power is off before connection.
  2. Please clear the memory before initial operation. (Ref: Erasing ALL learned/memorized Transmitters )
  3. Do not learn the remote control when motor is operating in order to avoid mis-operation.
  4. The received signal may be interfered by other communication devices. (e.g. the wireless control system with the same frequency range)
- It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
6. It is used only for the manual remote control and wireless control equipment / system which must not endanger life or property during running failure, or its security risks have been eliminated
  7. It should be applied in dry indoor place or in the electric appliance place.
  8. If connected wire is too long , the receiver may work unstable

## II. Technical parameters

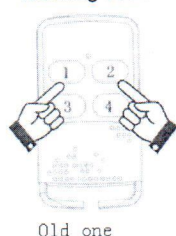
1. Working voltage: 12-24VAC/DC
2. Temperature range: -20°C to 60°C
3. Working frequency: 433.92MHz
4. Stored transmitters: Rolling code 30-300PCS; fixed code 60-600PCS
5. Relay contact load capacity: 1A, 30V DC

## III. Connection Instruction



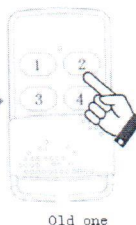
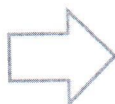
## IV. Set up and working process

- 4.1 Learning transmitter: Press the learning button of the receiver, then LED is red. Press any one of the transmitter twice times, LED flickers and continues on several seconds, then off. It is indicated the learning is successful.
- 4.2 Deleting transmitter: Press the learning button for a long time, the indicating lamp is red for 8 seconds, and then off, release the learning button, LED is red for 2 seconds and then off; complete the deleting transmitter.
- 4.3 Latch and non-latch: Latch A is for channel 1, B is for channel 2. It's non-latch when no jumper on LATCH, It's latch when there's jumper on LATCH.
- 4.4 Self-learning function: Use the transmitter that already has been learned as old transmitter, press button 1 and button 2 at the same time and then press button 2 to let the receiver enters into the learning process .In this way , new transmitter can be learned refer 4.1 without press the learning button S1 on the receiver.



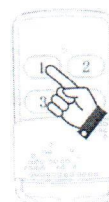
Old one

STEP 1:  
Use the trasmitter that already has been learned as old transmitter, press button 1 and button 2 at the same time



Old one

STEP2:  
then press button 2 to let LED turns into red. New transmitter can be learned.



New one

STEP3:  
Press the same button on the new transmitter twice. The learning process done. In this way , new transmitter can be learned without pressing the learning button on the control board.

## V. Operation

- 5.1 Transmitter button 1 controls receiver channel 1, transmitter button 2 controls receiver channel 2, no matter users use button 1 to learn or button 2
- 5.2 Transmitter button 3 controls receiver channel 1, transmitter button 4 controls receiver channel 2, no matter users use button 3 to learn or button 4
- 5.3 Non-latch: Keep pressing the button, receiver starts working. Release the button, receiver stops working .
- 5.4 Latch: Press the button, receiver starts working. Press button again, receiver stops working .
- 5.5 The function of latch/non-latch for channel 1 and channel 2 is separate and it could be set up according to users' requirement.

## VI. Model list

MODEL(12-24V AC DC)	R5111	R5113	R5115	R5117	R5110	R5112
Frequency	433.92Mhz					
Code	Rolling code		Fixed code		Open code	
Transmitter stored	30	300	60	600	30	300

## **FCC Caution.**

### **§ 15.19 Labelling requirements.**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **§ 15.21 Information to user.**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **§ 15.105 Information to the user.**

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.