Version A8

R510X 1-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)
5. It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
6. This product is only used for the equipment which will not cause life or property hazards when a breakdown happens or its security risks have been already 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℃ to 60℃
3. Working frequency:433.92MHz
4. Stored transmitters: Rolling code 30-300PCS;
   Fixed code 60-600PCS
5. Open code: Can match various brand rolling code
   (The safety level is lower than the standard rolling code)
6. Relay contact load capacity:: 1A,30V DC
7. Size:58*34*20mm
8. Weight: 36g

III. Connection Instruction

IV. Set up and working process

4.1 Learning transmitter: Press the learning button S1 of the receiver, then LED is red. Press any one of the transmitter twice times, LED flickers and continues on several seconds, then turns into green. It is indicated the learning is successful.

4.2 Deleting transmitter: Press the learning button S1 for a long time, the indicating lamp is red for 8 seconds, and then turns into green, release the learning button, LED is red for 2 seconds and then turns into green; it is indicated the deleting is successful.

4.3 Latch and non-latch: When disconnect short circuit cap, that is non-latch (Deadman) , It's latch when connect (Impulse).

4.4 Self-learning function: Use the transmitter that already has been learned as old transmitter, it can start the learning function and learn new transmitter without pressing any learning button. (Press button 1 and button 2 at the same time and then press button 2 to let the receiver enters into the learning process)

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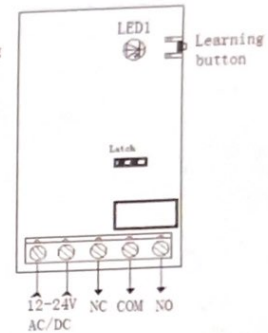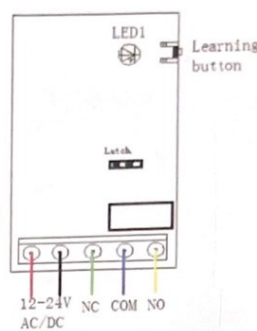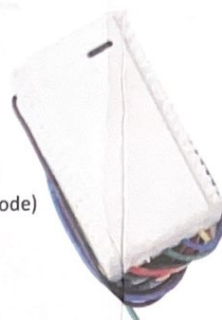
Old one

STEP2:
thenpress button 2 to let LED turn into red. New transmitter can be learned.

Old 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.

New one

V. Operation

5.1 Transmitter can control receiver after any button of the transmitter be learned successful.
   Example: For four buttons transmitter T6405, receiver 1 learning button 1, receiver 2 learning button 2, receiver 3 learning button 3, receiver 4 learning button 4.and then four buttons transmitterscan implement point-to-point control of four receivers.

5.2 Only one button of the transmitter can be learned into the same receiver.
   Example: For T6405,button 1 will be replaced if you learn button 2 after learning button 1.

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 .

VI. Model list

MODEL(12-24V AC DC)	R5101	R5102	R5103	R5104	R5105	R5106	R5107	R5108	R5166	R5167	R5170	R5171
Frequency	433.92Mhz											
Code	Rolling code				Fixed code				Open code			
Transmitter stored	30	30	300	300	60	60	600	600	30	30	300	300

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