

Instruction for control unit RV12

1 Technique data

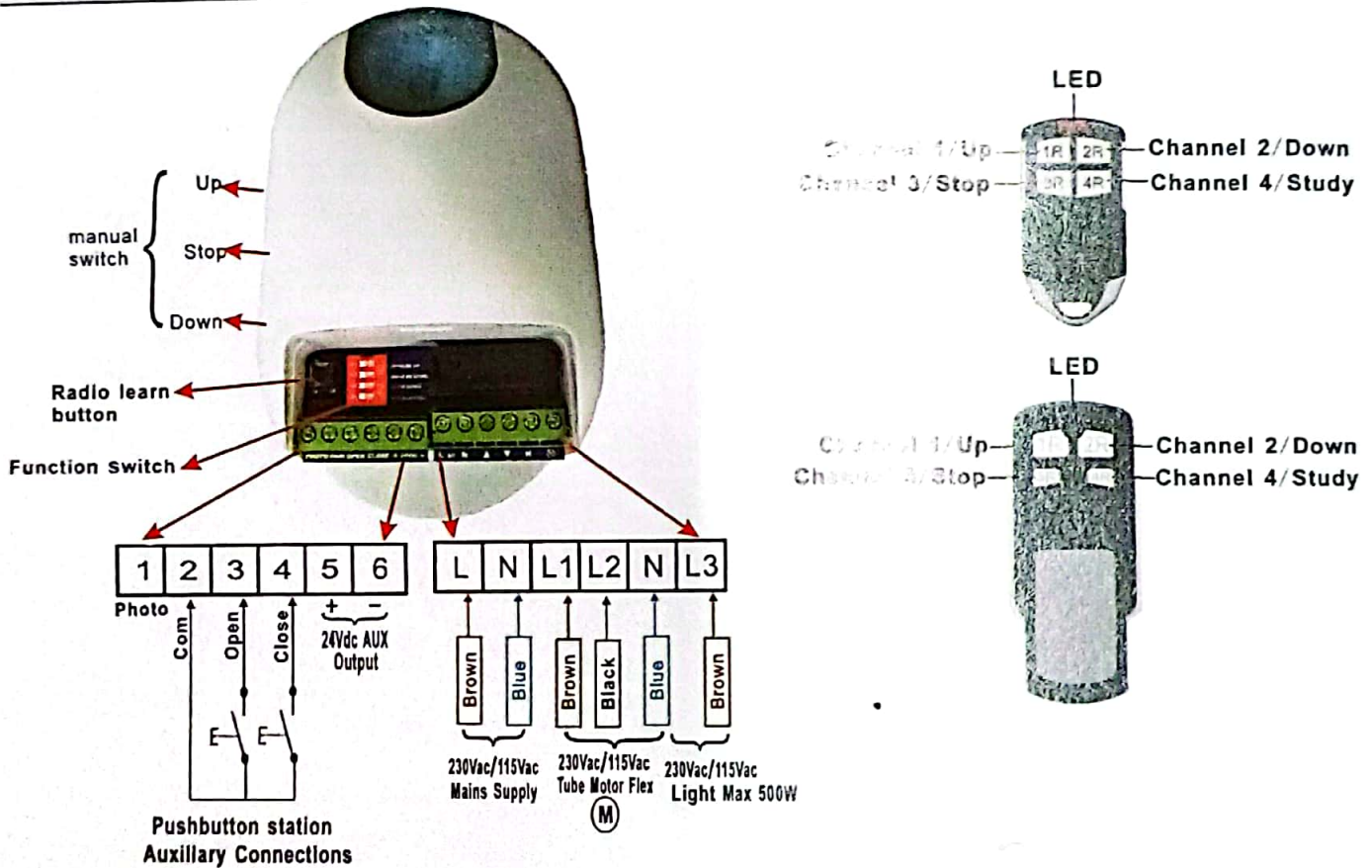
Transmitter: (EM Series)

- Rated voltage: 12V battery.
- Battery type: 12V/27A
- Protection Class: IP 30
- Radio frequency: 433.92Mhz
- Working Current: $\leq 10\text{mA}$
- Code: Learning Code

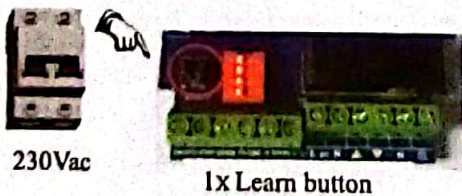
Receiver:

- Rated voltage: 230Vac/115Vac (50/60Hz)
- Load power : $\leq 800\text{W}$
- Be cut off automatically after running for 2 mints.
- Handle up to 60 remotes at most.
- Permitted ambient temperature: $-10\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$
- Dimension in mm: 132×82×46mm

2 Wires Connect



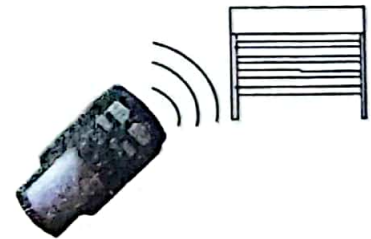
3 Programming the transmitter



1) The blue LED on receiver will be on after connecting power. Short press the learn button on the receiver, the blue LED will be off

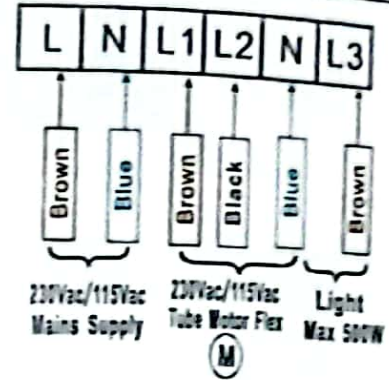
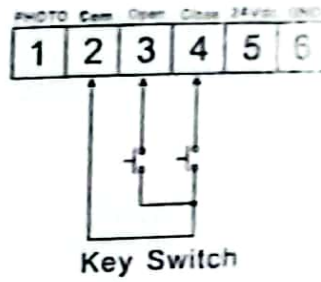
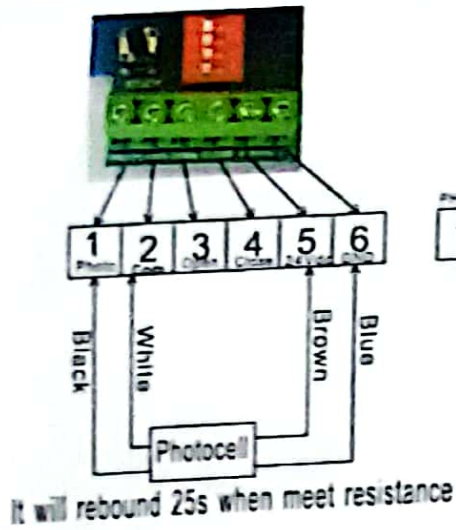


2) Within 10 Seconds, short press the any button on the transmitter twice, The blue LED on receiver will flash 6 times then be on, It means the code learning is successful.



☉ The motor can be controlled by transmitter successfully.

6 Other Auxiliary Connections



If light is required then this can be wired into the 'Light' terminals, the light will be on for 30 seconds and then be off automatically. The maximum load for the light output is 500W.

7 Other function

1. Press learning button and stop button of receiver for 3 seconds. At the same time, blue LED flash 2 times then on, and stay on for 10s. (single channel by default)

2. Automatic identification of single channel and four channel.

8 Copy the programming



A

1) Long press the channel 1 button and channel 2 button of A transmitter at the same time for 3s. The led of the receiver will be off. It means the receiver enters the password learn status.



B

2) Shortly press the any button of B transmitter in 10s for twice, the LED flash, then turn on. Then the motor can be controlled by B transmitter successfully.



Caution

- Please reprogram if there is interference from other signals leads to the failure.
- This instruction is compatible with the hand held transmitter that is EM series.
- In order to prolong the battery life, please do not long press the emitter's buttons. The better operation is to press the button about 0.5s with 1s interval. It would stop working when the battery is in low power. Please replace proper type one for the emitter in time.
- The receiver is of high voltage. Keep it away from Water and Children.
- Permitted ambient temperature: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$.
- Don't use any cleaning agents to clean the transmitter. This may attack the plastic.
- Please contact us if you are unable to eliminate a problem.
- The switch work on point operation way and can control the motor's traveling by up, stop and down button model.

4 Deletion of all transmitters



1x Learn button



1) Long press the learn button on the receiver, Don't release the learn button until the blue LED be flashing twice , It means the receiver already erased all existed transmitter.

2) The motor can't be controlled by all the transmitters

Note: No transmitter can control this motor after deleting the programming unless you reprogram it.

5 DIP FUNCTION

DIP	POS	Description
1 OFF		Open automatically on one press of the emitter
1 ON		Open only whilst the handset is pressed
2 OFF		Close automatically on one press of the emitter
2 ON		Close only whilst the emitter is pressed
3 OFF		Auto close off
3 ON		Auto close on 2 minutes by default
4 OFF		
4 ON		

DIP switch "3" is auto close: "3" is to be on, auto close function is to open. Long press stop button of receiver 3 seconds, LED is off, then it is on mode of setting time of auto close: short press learning button of receiver once, LED flash once, the time for auto close is 5 seconds, press again is 10 seconds, 5 seconds increase progressively. When the setting is finished, press stop button of receiver once, LED flash 6 times, and to be on, it shows setting is done and quit from set state.(time of auto close is 2 minutes by default).

DIP switch "4" is the timing set. Steps: "4" is to be ON, receiver is on mode of setting running time, long press(3seconds) the up button of receiver to the expected position of motor running , then release the button and motor stop,the setting of up running is finished. Long press(2 seconds),the down button of receiver to the expected position of motor running,then release the button and motor stop,the setting of down running is finished. The setting of up and down running is finished when remove the DIP switch "4" to OFF. The previous setting will be replaced if setting again.