

RF Wireless Remote Control Kit (Model 0020760)

Package Include:

1xReceiver
1xTransmitter
1xUser manual

Features:

Application: It can be used in rolling blinds, rolling doors, projection screens, awnings, pumps, winches, conveyors or other appliances and equipments with AC motors, it can remote control AC motor rotates in the positive or reverse direction.

Wireless control, easy to install.

You can rotate a motor in the positive or reversal direction with the transmitter (remote control) from any place within a reliable distance.

The RF wireless signal can pass through walls, floors and doors.

You can turn on/ off the receiver with transmitter (remote control) from any place within a reliable distance.

Wireless RF signal can pass through walls, floors, doors or windows.

With reverse power protection and over current protection.

Reliable control: The receiver only works with the transmitter which use same code.

One/several transmitters can control one/several receivers simultaneously.

You can use two or more units in the same place.

Receiver Parameters:

Model No: 0020760

Control Mode: Latched, Momentary / Positive Reverse Rotation

Power Supply (Operating Voltage): AC100~240V (110V/120V/220V/240V)

Output: AC100~240V (110V/120V/220V/240V)

Wire range for the terminals: 22-12 AWG

Working Frequency: 433MHz

Channel: 1 CH, can work with a AC motor

Static Current: ≤6mA

Maximum Working Current: 300W

Case Size: 86mm x 86mm x 30mm

Notice: The receiver automatically stops output after 2 minutes of continuous working.

Transmitter parameters:

Operating Voltage: 3V (1 x CR2430)

Transmitter with Wall Mount

Channel: 3 CH

Button Symbol: ▲, ■, ▼

Static Current: 3μA

Working Current: 10mA

Working Frequency: 433MHz

Size: 125mm x 43mm x 10mm

Working Range:

The maximum working distance can reach 50M in an open ground.

The maximum working distance is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless signals. Therefore, the actual distance may not reach this maximum working distance.

Usage:

Wiring (Control AC ordinary / tubular motor):

1) Connect the live wire of AC power supply to terminal "L" of INPUT, connect the neutral wire of AC power supply to terminal "N" of INPUT, and connect the earth wire to terminal "E".

2) Connect terminal "COM" to the common line of the AC motor, connect terminals "UP" and "DOWN" to the wires for positive/reversal rotation of AC motor(You can exchange motor's two wires to change the rotating direction of motor).

Setting different control modes (Two control modes):

We have set the receiver in latched mode before delivery, if you want to change between latched mode and momentary mode, do as following operation.

Method 1: Press the buttons ▲ & ■ on the receiver for 5 seconds, signal LED of receiver flashes quickly 3 times, it means change the control mode is successful.

Method 2: Press the button ■ on the receiver for 5 seconds, signal LED of receiver is flashes slowly, then press the button ■ of the transmitter within 10 seconds, signal LED of transmitter flashes 3 times, it means change the control mode is successful.

Operation:

1. If the receiver's control mode is latched mode.

1) Button of receiver:

Press button ▲ of receiver: Motor rotates in positive direction.

Press button ■ of receiver: Motor stops.

Press button ▼ of receiver: Motor rotates in reversal direction.

Press button ■ of receiver: Motor stops.

2) Button of transmitter:

Press button ▲ of transmitter: Motor rotates in positive direction.

Press button ■ of transmitter: Motor stops.

Press button ▼ of transmitter: Motor rotates in reversal direction.

Press button ■ of transmitter: Motor stops.

2. If the receiver's control mode is momentary mode.

1) Button of receiver:

Press and hold button ▲ of receiver: Motor rotates in positive direction.

Release button ▲ of receiver: Motor stops.

Press and hold button ▼ of receiver: Motor rotates in reversal direction.

Release button ▼ of receiver: Motor stops.

2) Button of transmitter:

Press and hold button ▲ of transmitter: Motor rotates in positive direction.

Release button ▲ of transmitter: Motor stops.

Press and hold button ▼ of transmitter: Motor rotates in reversal direction.

Release button ▼ of transmitter: Motor stops.

Change motor rotation direction:

Press the buttons ▲&▼ on the receiver for 5 seconds, signal LED of receiver flashes quickly 3 times. It means the setting is successful.

How to pair the transmitter to the receiver:

1) Press the button ■ of receiver for 5 seconds, signal LED on the receiver is flashes slowly. The receiver enters into status of LEARNING.

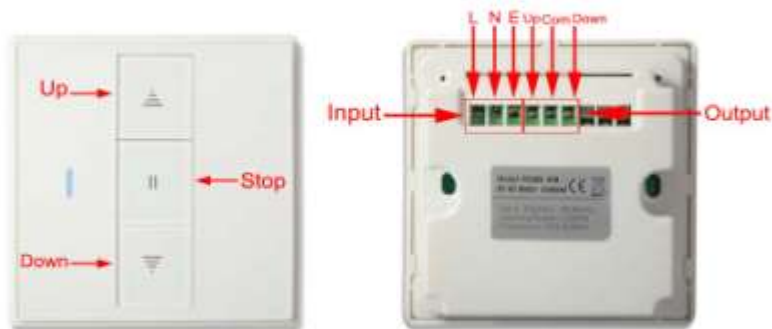
2) Press button ▲ on transmitter within 10 seconds. If signal LED flashes quickly 3 times and turns off, it means learning is successful.

3) The receiver can learn 20 remote controls with different codes.

Delete all transmitters:

We have learned remote control to the receiver. If you don't want the receiver to work with the remote control, you can delete all codes of remote controls, which are stored in the receiver.

Operation: Press buttons ■&▼ of receiver for 5 seconds, the receiver's signal LED flashes 3 times, That means all stored codes have been deleted successfully.





Control AC ordinary / tubular motor

