

RF Wireless Remote Control Kit For AC 220V Tubular Motor (Model 0020709)

Package Include:

1 X Receiver: S1FG-AC220
2 X Transmitter: XB-4L
1 X User 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 tubular motors, it can remote control AC tubular motor to rotate in the positive or reversal direction.

Wireless control, easy to install.

You can rotate a tubular 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.

With reverse power protection and over current protection.

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

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

Receiver Parameters:

Model No.: S1FG-AC220

Power Supply (Operating Voltage): AC 220~240V

Output: AC 220V / 2A

Working Frequency: 433MHz

Automatic stop time: 120 seconds, motor will stop automatically after 120 seconds of rotation.

Channel: 1CH, can work with a AC tubular motor

Static Current: ≤6mA

Maximum Working Current: 2A

Case size: 130mm x 85mm x 40mm

Work with learning code transmitters.

Transmitter:

Model No.: 0021113 (XB-4L)

With Sliding Cover: Slide up when it doesn't work (to protect the button). Slide down the button will appear.

Channel/Button: 4

Button Symbol: ▲, ▼, ■, ●

Operating Voltage: 12V (1 x 23A -12V battery, can be used for 12 months)

Operating Frequency: 433Mhz

Encoding Chip: EV1527

Encoding Type: Learning code (up to 1 million codes, reducing code collision and unauthorized code scanning possibilities.)

Transmitting Distance: 50m / 150ft (theoretically)

Operating Temperature: -20 ° C to +70 ° C

Unit Size: 60mm x 32mm x 15mm

Note:

If you want more transmitters, you can choose the cloner transmitters, such as model 0021112 (XB-4C). If you use the transmitter XB-4C to copy your transmitter XB-4L, then the transmitter XB-4C also can work with your receiver.

Working Range:

With a transmitter (such as XB-4L) to form a complete set, 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.

If you want to have a further working range, you can install an external antenna to the receiver, and you also can use a powerful transmitter, such as CP-4L or CB-4L transmitters.

Usage (with transmitter XB-4L):

Wiring:

If you want to control a AC 220V tubular motor, do as following:

- 1) Connect the plug of tubular motor to the socket of receiver.
- 2) Connect the plug of tubular motor to AC power supply.

Button of receiver:

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

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

Press button ■ of receiver: Motor stops & Unlock function.

Button of transmitter:

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

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

Press button ■ of transmitter: Motor stops & Unlock function.

Press button ● of transmitter: Lock the system.

Lock the system:

Press the buttons ● of transmitter to lock the system. At this time, buttons ▲ or ▼ can not operate the motor.

Press the button ■ of receiver or transmitter to unlock the system.

Change motor rotation direction:

When the motor is stopping, press and hold button ● of transmitter for 8 seconds, red signal LED flashes 3 times then turns off, it means the setting is successful.

Automatic stop function:

Automatic stop time is 120 seconds. When you operate the motor to rotate, motor will stop automatically after 120 seconds of rotation.

How to pair the transmitter to the receiver:

- 1) Press the learning button of receiver for 1 second; red signal LED on the receiver is on. The receiver enters into status of LEARNING.
- 2) Press any button on transmitter. If red signal LED flashes 3 times then turns off, it means learning is successful.
- 3) When receiver is in the status of LEARNING, press again the learning button of receiver, signal LED turns off, learning process will be discontinued.
- 4) The receiver can learn several 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:

When the motor is stopping, press and hold the learning button of receiver until red signal LED flashes 3 times, then release the button, red signal LED keeps off, that means all stored codes have been deleted successfully.

