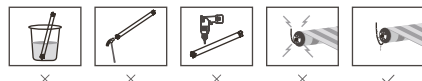




Attention

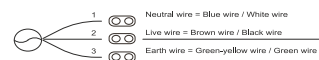
Never drop, knock, drill into, or submerge the motor. Keep the power cable in the correct position as shown below. Important safety instructions to be read before installation. Incorrect installation may cause serious injury and will void the manufacturer's liability and warranty.



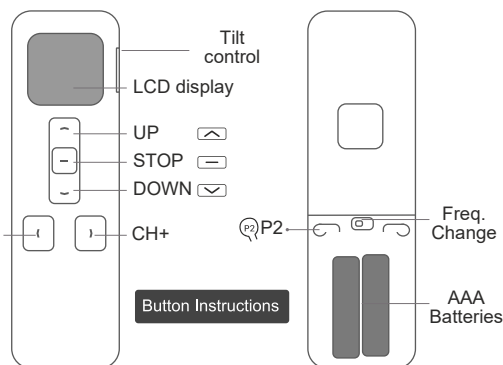
Wiring

Three wires:

120VAC, 60Hz



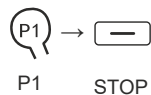
Motor



Essential Settings

Step 1 to 3 must be completed to ensure proper operation.

1 Pairing

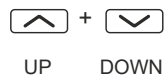


After the motor is powered up, or after you press and hold the P1 button for 2 seconds (1 jog), release button, the motor long beeps once, within 7 seconds, press STOP for 2 seconds (2 jogs and 3 beeps), the motor is paired successfully.

* This step is a pairing operation when the motor is without limits, and this operation will delete the previous emitter; this step is an emitter adding operation when the motor is in with limits, which does not delete the emitter or limit.

2 Switch Rotating Direction (Optional)

If pressing UP makes the motor run downward, switch the direction as follows.



Press and hold UP and DOWN buttons simultaneously for 2 seconds, motor jogs once, the direction is switched successfully.

* The motor needs to be in the reversing operation without limit.

3 Setting Upper and Lower Limits

1 Manually set upper limit



Press and hold the UP for 2 seconds to move the motor to the desired upper limit position, press and hold the UP and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), the upper limit is set.

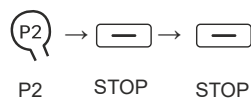
2 Manually set lower limit



Press and hold the DOWN for 2 seconds to move the motor to the desired lower limit position, press and hold the DOWN and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), the lower limit is set.

4 Add A Preferred Position

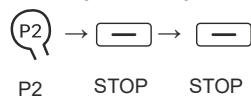
1 Set preferred position



After setting the limits, press the UP or DOWN button to move the motor to the desired preferred position. Press P2 once (1 jog and 1 beep), press STOP once (1 jog and 1 beep), press STOP once again (2 jogs and 3 beeps), the preferred position is set.

* Press and hold the STOP for 2 seconds, the motor moves to preferred position automatically.
When the automatic return function is enabled, if you press and hold the STOP button at the lower limit position to move to the preferred position, the motor will first return to the lower limit to relax the curtain fabric, and then proceed to the preferred position.

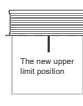
2 Delete preferred position



Press P2 once (1 jog and 1 beep), press STOP once (1 jog and 1 beep), press STOP once again (1 jog and 1 long beep), the preferred position is deleted.

5 Adjust Limits

1 Adjusting the upper limit position



Press and hold the UP and STOP buttons simultaneously for 5 seconds (1 jog and 1 long beep). Press the UP or DOWN button to move the motor to the desired new upper limit position, press and hold the UP and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), the new upper limit is set.

2 Adjusting the lower limit position

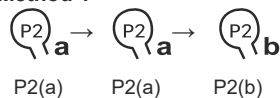


Press and hold the DOWN and STOP buttons simultaneously for 5 seconds (1 jog and 1 long beep). Press the UP or DOWN button to move the motor to the desired new lower limit position, press and hold the DOWN and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), the new lower limit is set.

* If the new limit position is not confirmed within 2 minutes of entering adjusting mode, exit adjusting mode and restore the original limit position.

6 Pairing / Deleting Additional Emitter

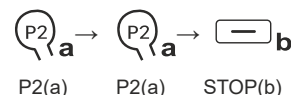
Method 1



Press P2 once (1 jog and 1 beep) and P2 once (1 jog and 1 beep) on the existing emitter, press P2 once on the new emitter (2 jogs and 3 beeps), new emitter is paired to the motor.

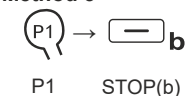
• Repeating this procedure will delete the newly paired emitter.

Method 2



Press P2 once (1 jog and 1 beep) and P2 once (1 jog and 1 beep) on the existing emitter, press STOP on the new emitter for 2 seconds (2 jogs and 3 beeps), new emitter is paired to the motor.

Method 3

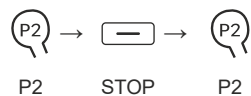


Press and hold the P1 button for 2 seconds (1 jog), release the button and the motor long beeps once, press and hold the STOP on the new emitter for 2 seconds (2 jogs and 3 beeps), new emitter is paired to the motor.

* (a) as existing emitter, (b) as new emitter to pair/delete.

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7 Delete All Emitters



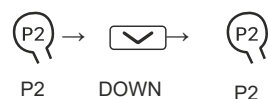
Press P2 once (1 jog and 1 beep), press STOP once (1 jog and 1 beep), and press P2 once (2 jogs and 3 beeps), all emitters are deleted, but keep the original limit information.

8 Remove All Limits



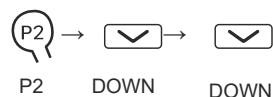
Press P2 once (1 jog and 1 beep), press DOWN once (1 jog and 1 beep), and press P2 once (2 jogs and 3 beeps), all limits are removed, and the preferred position will also be deleted.

9 Remove All Limits



Press P2 once (1 jog and 1 beep), press DOWN once (1 jog and 1 beep), and press P2 once (2 jogs and 3 beeps), all limits are removed, and the preferred position will also be deleted.

Option: Enable / Disable Sensitive Stall Detection Function



Press P2 once (1 jog and 1 beep), press DOWN once (1 jog and 1 beep), press DOWN once again, if the motor jogs once and long beeps once, the sensitive stall detection function is disabled. If the motor jogs twice and beeps 3 times, the sensitive stall detection function is enabled.

* The sensitive stall detection function is enabled by default.

Option: AUTO Setting Upper and Lower Limits

3 Automatically set limits

(REQUIRES A HARD STOP ON BASESLAT)



Press and hold the UP button for 2 seconds, the motor will run upward and stop after detecting obstacle, the stop position is the upper limit; then the motor will run downward automatically and stop after detecting the obstacle, the curtain is pulled in reverse according to the weight of the bottom beam, after the tension is applied, the motor stops at this position, which becomes the lower limit.

4 Automatically set upper limit, manually set lower limit



Press and hold the UP button for 2 seconds, the motor will run upward and stop after detecting the obstacle, the stop position is the upper limit; then the motor will run downward automatically to the desired lower position, press and hold the DOWN and STOP buttons simultaneously for 2 seconds (2 jogs and 3 beeps), the lower limit is set.

* The automatically set limits function can only be performed in Mode 1.

It's freely to set the upper limit or lower limit firstly;

If there is no limits, the motor will run in jog mode, or press and hold the UP or DOWN button for 2 seconds, then the motor will run continuously; After the limits have been set, the motor will run continuously.

Quick Index

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		2 Manually set lower limit Down → Down + Stop
		3 Automatically set limits Up
		4 Automatically set upper limit, manually set lower limit Up → Down + Stop
4	Add / Delete Preferred Position	P2 → Stop → Stop
5	Adjust Limits	1 Adjusting the upper limit position Up + Stop → Up or Down → Up + Stop
		2 Adjusting the lower limit position Down + Stop → Up or Down → Down + Stop
7	Pairing / Deleting Additional Emitter	1 Pairing / deleting additional emitter P2(a) → P2(a) → P2(b)
		2 Pairing additional emitter P2(a) → P2(a) → Stop(b)
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8	Delete All Emitters	P2 → Stop → P2
9	Remove All Limits	P2 → Down → P2

Troubleshooting

The motor has no response	Power failure or incorrect connection	Double-check power and cable connections, and follow the wiring instructions
	The emitter battery has low capacity	Replace battery
	Radio interference / shielding	Check antenna on motor is intact and exposed. Check for possible sources of radio interference.
	Out of radio control range	Try control within closer range
The emitter cannot control a single motor	Multiple motors are paired to the same channel.	Always reserve an individual correctly (refer to motor functions)
		Use multi-channel emitters to control multi-motor projects, ensure each channel to control one single motor
The motor does not run, starts too slowly, or makes loud noise	Connections are incorrect.	Check connections
	Incorrect installation or overload	Check installation or overload
The motor stops during the going up or going down.	The motor has reached the lower limit	Adjust the new lower limit
	The running time exceeds 4 minutes	Let the motor cool down for about 20 minutes

