

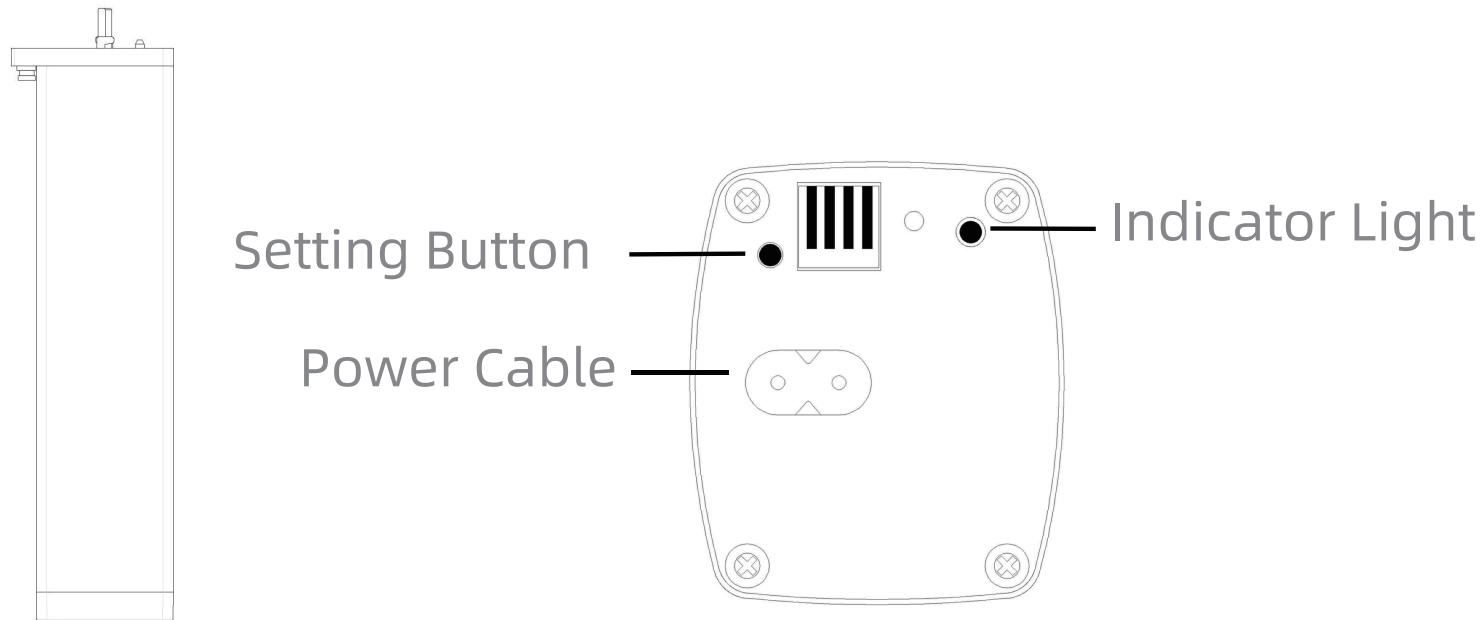


Smart Curtain Motor

User Manual

Overall Description

Motor Structure Reference



Notes

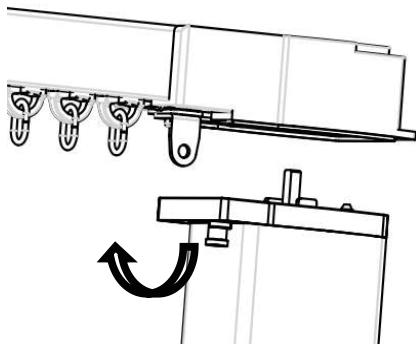
Important Safety Instructions

1. Install the motor and accessories strictly as per the manual.
2. Keep the product number and nameplate properly.
3. For indoor use only. Do not use in humid environments or outdoors.
4. Prevent moisture. Do not spill water or liquids on the product.
5. Install loads according to the rated load; do not exceed it.
6. Do not repair the product by yourself; contact professionals for damage.
7. Do not disassemble the motor.

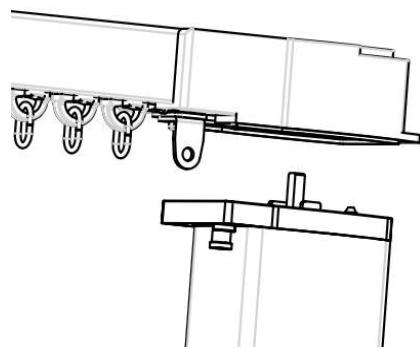
Basic Parameters

Product Name:	Smart Curtain Motor
Model:	BLM-FM
Rated Torque:	1.2N·m
Rated Speed:	98rpm
Networking Method:	BLE Mesh 5.0
Mesh Forwarding:	Supported
Working Voltage:	100-240V~ 50/60Hz
Current:	0.24A
Power:	18W
Working Speed:	13cm/s
Running Time:	52min
Dimensions:	24cm
Noise:	<42dB
Protection Class:	IP20
Power Cable:	2-pin plug
Working Temperature:	-10~50°C
Net Weight:	548g
Cable Length:	0.7m
Remote Frequency:	433MHz
Max Load:	20kg
Thermal Class:	E

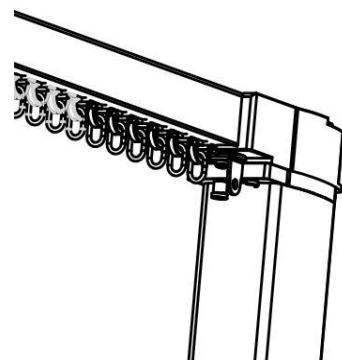
Motor Installation



Check the detent lever position and slide it left as shown.

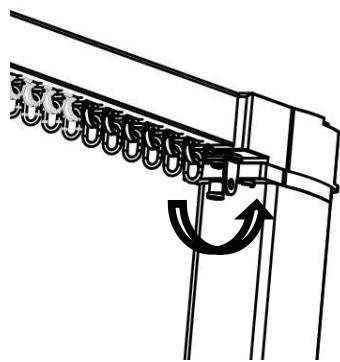


Insert the motor into the main transmission box.

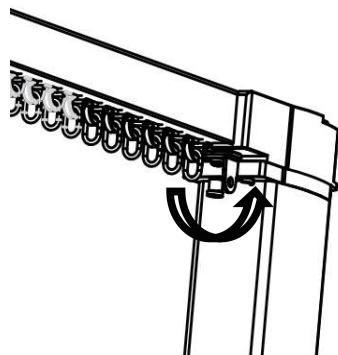


Toggle the detent lever right until it locks into the right limit hole.

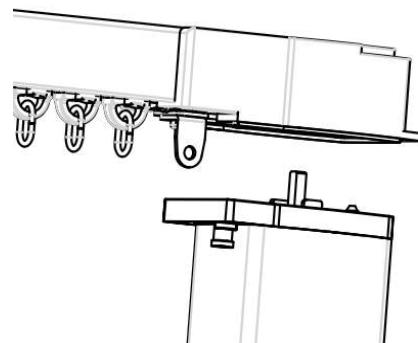
Motor Disassembly



Pull the detent lever down to disengage from the limit hole.



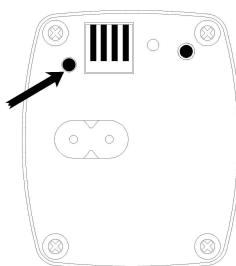
Slide the lever left out of the slot.



Remove the motor downward.

Remote Control Operations

Adding a Remote



Indicator light

stays on.

Press the
On/Off button.

Motor swings back

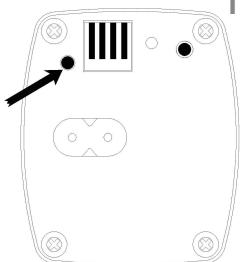
and forth once.

Pairing successful.

Hold the Setting Button for 3s.

Note: Complete within 30s.

Deleting a Remote



Indicator light

stays on.

Press the
On/Off button.

Motor swings back

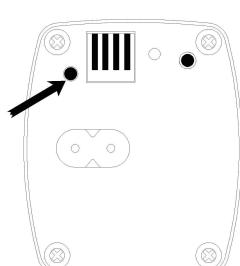
and forth once.

Deletion successful.

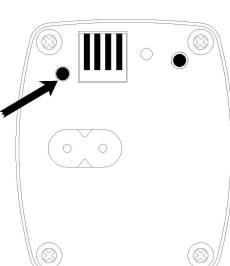
Hold the Setting Button for 3s.

Note: 1. Complete within 30s.
2. Operate when already paired.

Motor Direction Change



Press the Setting
Button once.

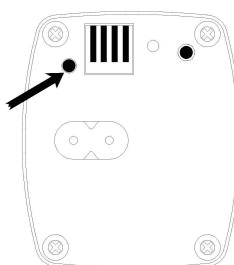


Hold for 3s.

Motor swings back
and forth once.

Direction change
successful

Clearing Travel Memory



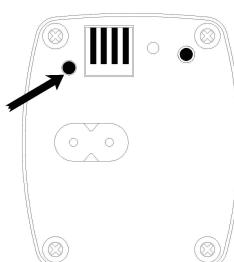
Motor swings back
and forth once.



Travel reset successful

Press the Setting Button
6 times consecutively.

Factory Reset



Release when the
indicator stays on.



Indicator flashes.



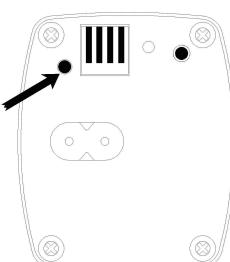
Factory reset
successful.

Hold the setting
button for 3s.

Hold the setting
button for 6s.

Note: After a successful factory reset, the remote
control functions, motor travel settings, and
network configurations will be deleted.

Device Provision



Indicator flashes.



Enter device
provision mode.

Press the setting button
twice in quick succession.

Hold the setting
button for 3s.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.