

AM20 Plantation Shutter Motor Manual Instruction

I .Motor Features

- User friendly removable battery case; accept 5V type-C USB charging
- Built-in 900mAh rechargeable lithium battery. Motor can connect with solar panel extending running time.
- Compatible both Bluetooth bi-directional communication control and radio frequency remote control.
- Featuring rational light tilting mode and one touch tap-to-run mode.
- The push/pull force is up to 50N (5kgs).
- Running speed 8mm/s, quick response.
- Various fixed methods are available, screws fixed and 3M adhesive tape.

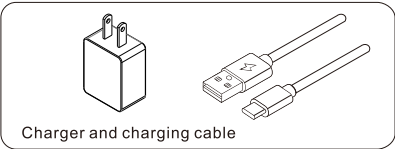
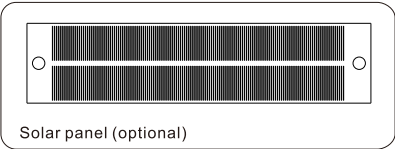
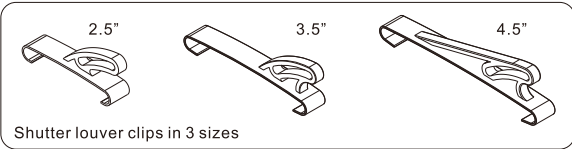


AM20-D50N-82MM

II.Motor specification

Push/ pull power	Running speed	Running distance	Rated power	Charging voltage	Battery capacity	Standby time	RF frequency	IP class	Operation life	Working Temperature
50N	8mm/s	0-82mm	2W	5VDC	lithium battery 900mAh	3 months(It is recommended to charge every three months)	433.92MHz	IP32	15000 times	-10℃ ~+55℃

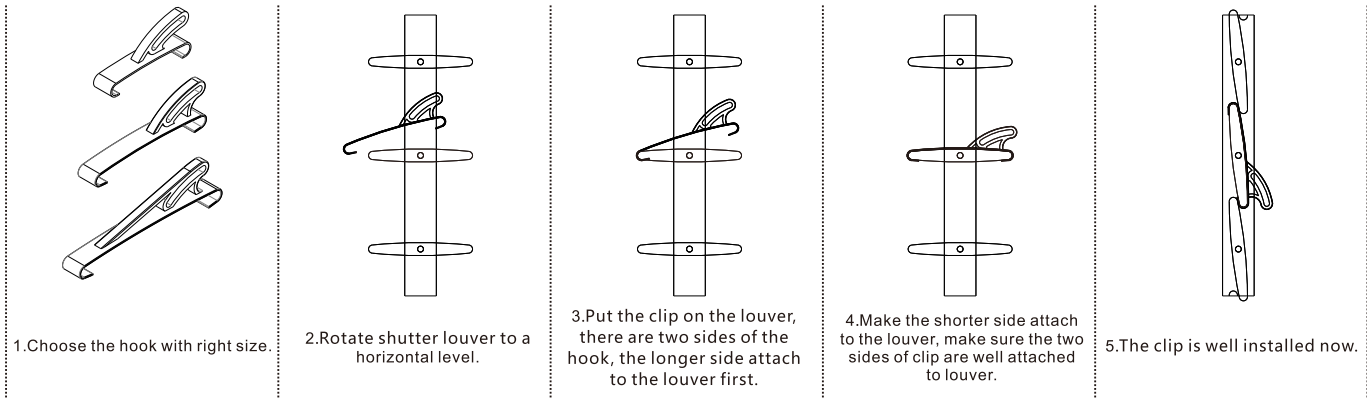
III.Accessory



IV.Installation instructions

Shutter louver clips installation method

In order to achieve better light blocking effect, the clip is recommended to install onto the middle louver of the shutter.



Plantation Motor Installation Method

Preparation

- 1.When the clip is well installed, make the shutter louvers fully closed.
- 2.The driving rod of the motor should run to the lowest limit(the default limit of the motor is lower limit),and insert the rod to the arc-shaped hole of the hook.
- 3.Pull the motor straightly down, make sure the shutter louvers are tightly closed, and mark down the position of the motor.

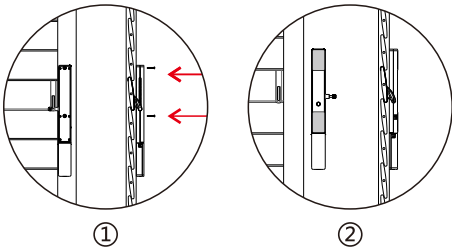
Fixed the motor

Method 1: screw fixed

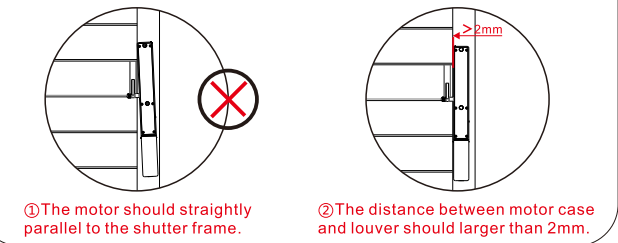
- a.Fix the motor onto shutter and mark position.
- b.Use Phillipe screwdriver to fix two screws on the motor(like the right picture①), the screws are in the accessory kit package.
- c.Attached the clip to motor rod, lock the screw nuts.
- d.Press the two screw caps into the screw holes, Motor installation completed.

Method 2: 3M adhesive tape fixed

- a.Put the 3M adhesive tape on motor(like right picture②), don't attach the adhesive tape on battery pack.
- b.Install the motor on the marked position.
- c.Attached the clip to motor rod, lock the screw nuts.
- d.Press the two screw caps into the screw holes, Motor installation completed.



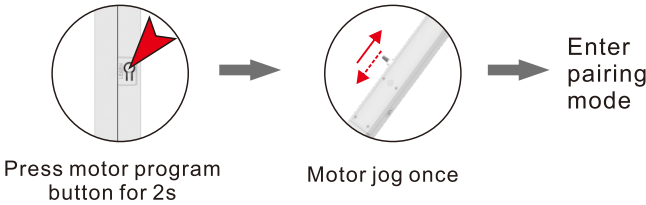
Caution:



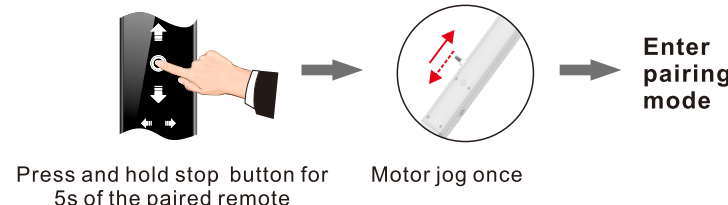
V.Operating instructions

1.Enter pairing mode

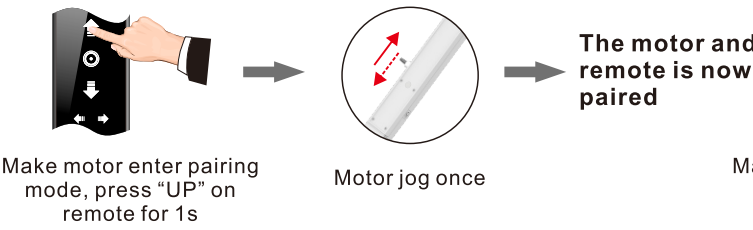
Method 1



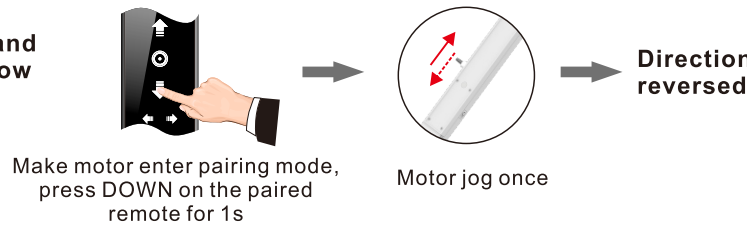
Method2



2.Pair to remote



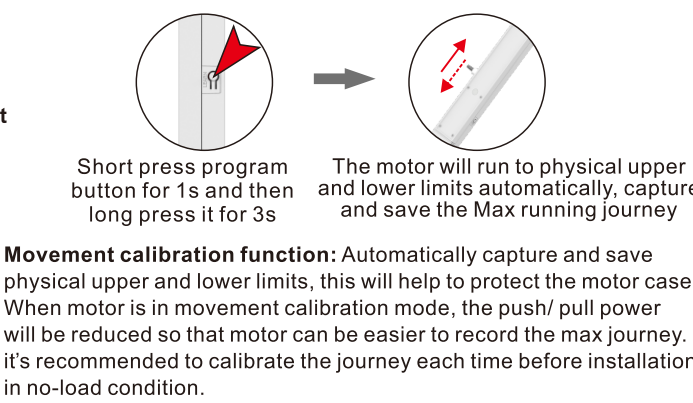
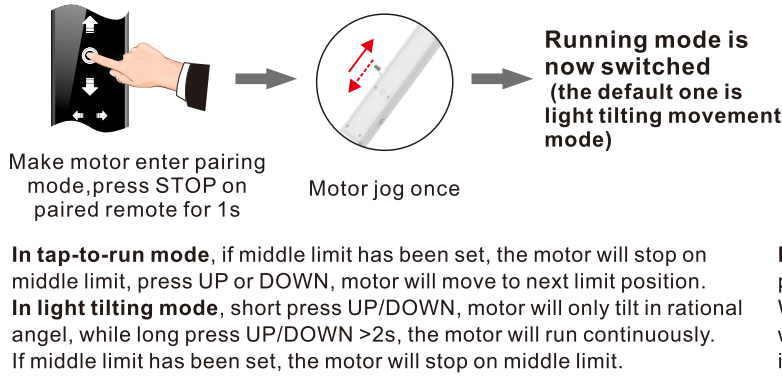
3.Reverse motor direction



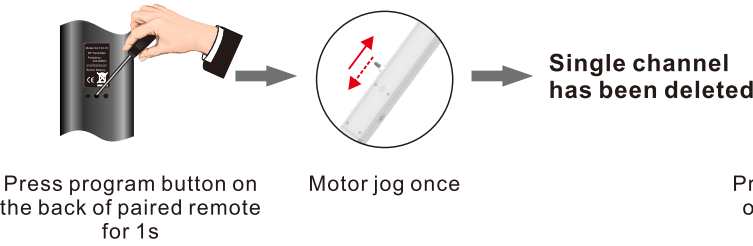
4.Switch light tilting mode and tap-to-run mode

5.Movement calibration function

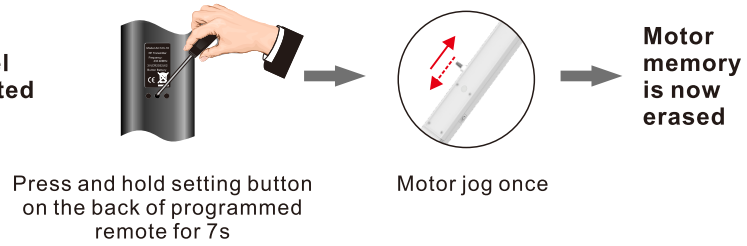
(one short press + one long press)



6.Delete single channel



7.Delete all memories



8.Adjust upper/lower limits

When movement calibration finished, the default upper limit is max journey calibration, and the lower limit is minimum journey calibration.

