DC Tubular Motor User Manual

Built-in Lithium Battery Electronic Limit(V00)

01 Features

- Remote control
- Electronic limit
- Preferred stop position
- Built-in Lithium battery
- Stop while obstructed
- Rotation direction switch
- Independent dimming
- Memorized limits
- Adjustable speed

02 Attention

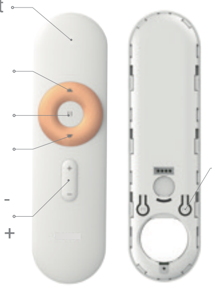
- This product is for indoor use only, do not use in damp environment or outdoors.
- Pay attention to moisture-proof, do not sprinkle water or other liquid on this product.
- Do not place the product near the heat source.
- If the product failure in use, please do not attempt to repair it by yourself, this should be done by an authorized professional.

03 Product description

Motor

Indicator	
Red light	Low battery or error feedback
Orange light	Setting status
Green light	Normal feedback

Emitter



Remark: The picture of emitter is only for reference, please make the object as the standard. Switch to channel button, each channel represents one emitter.

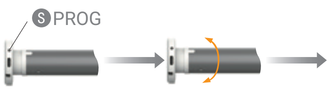
Charging Status Description	Status
Press wireless emitter's ▲ or ▼, the motor indicator GREEN light flashes 2 times.	Charging
Press wireless emitter's ▲ or ▼, the motor indicator GREEN light stays on.	Fully charged

Low battery alert
Press wireless emitter's any button, the motor indicator RED light flashes 5 times, please charge in time.

04 Operation steps

Note: Except motor goes up and down, operation success will feedback by motor jogs.

4.1 Activation

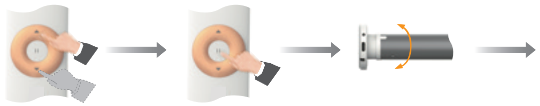


Press S PROG for 1s → Motor jogs 3 times, Orange light stays on → Activation done

4.2 Pairing

Press S PROG for 2s → Motor jogs 1 time, Orange light flashes → Briefly press back P2 PROG → Motor jogs 1 time → Pairing done

4.3 Change rotation direction

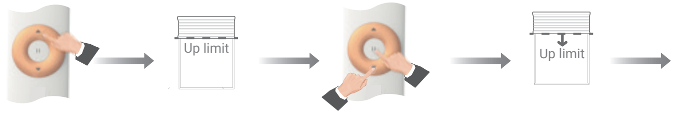


Press ▲ or ▼ to confirm the rotation direction → Press Ⅱ for 2s → Motor jogs 1 time → Changing motor rotation direction done

Note: This operation only applies before the Limits setting

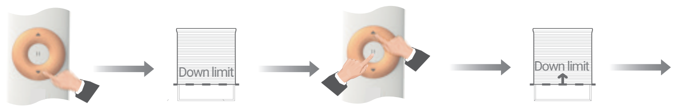
4.4 Limits setting (in Tilting mode now)

Up limit setting



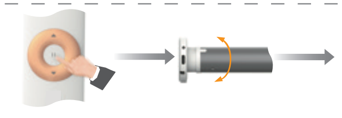
Run to the desired Up limit position → Press Ⅱ + ▼ simultaneously for 2s → Motor goes down automatically → Up limit setting done

Down limit setting



Run to the desired Down limit position → Press ▲ + Ⅱ simultaneously for 2s → Motor goes up automatically → Down limit setting done

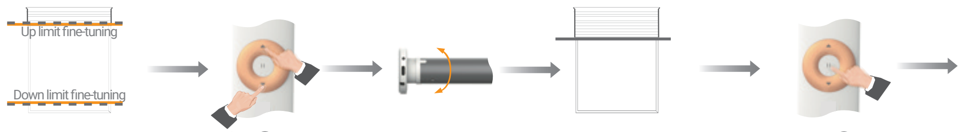
Confirm the Limits



Press Ⅱ for 2s → Motor jogs 1 time, Orange light goes out → Limits setting done

05 Function setting (should be proceeded after Step 04 done)

5.1 Limits fine-tuning

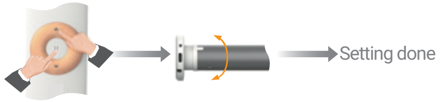


Run to the Up limit for Up limit fine-tuning / Run to the Down limit for Down limit fine-tuning → Press ▲ + ▼ simultaneously for 2s → Motor jogs 1 time, Orange light flashes → Run to the desired new limit position → Press Ⅱ for 2s →

Motor jogs 1 time, Orange light goes out → Fine-tuning done

5.2 Speed Adjustment

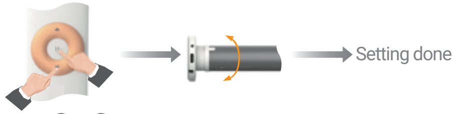
Set High speed:



Setting done

Press ▲ + ⏸ simultaneously for 2s → Motor jogs 1 time → Setting done

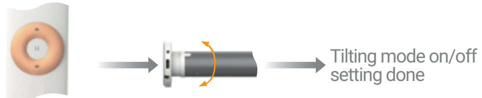
Set Low speed:



Setting done

Press ⏸ + ▼ simultaneously for 2s → Motor jogs 1 time → Setting done

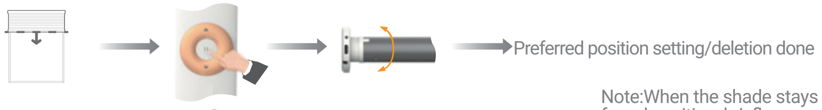
5.3 Tilting mode (default is off)



Press ▲+⏸+▼ simultaneously for 2s → Motor jogs 1 time → Tilting mode on/off setting done

Note:
1. When the Tilting mode is off, press ▲ or ▼ , the motor runs continously.
2. When the Tilting mode is on, press ▲ or ▼ for less than 2s, the motor runs continously.
3. When the Tilting mode is on, press ▲ or ▼ for more than 2s, the motor runs slowly and tilts the slats, release then the motor stops.

5.4 Preferred position setting/deletion (set only between the Up and Down limits)

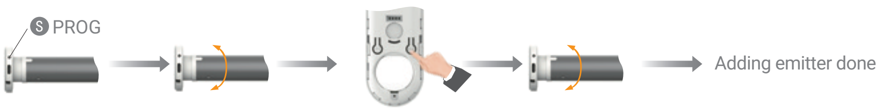


Run to the desired preferred position → Press ⏸ for 2s → Motor jogs 1 time → Preferred position setting/deletion done

Note:When the shade stays in the non-preferred position, briefly press ⏸, the shade will move to the preferred position.

5.5 Adding emitter (each motor can be quipped with 12 emitters maximumly)

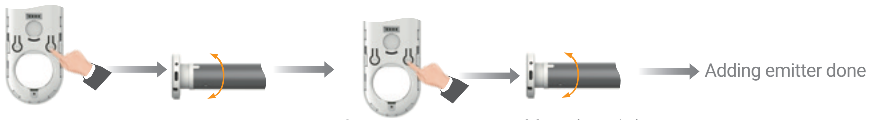
Method 1



S PROG

Press S PROG for 2s → Motor jogs 1 time Orange light flashes → Briefly press the new emitter's back P2 PROG → Motor jogs 1 time Orange light goes out → Adding emitter done

Method 2

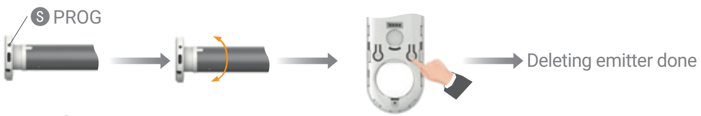


Press the paired emitter's back P2 PROG for 2s → Motor jogs 1 time Orange light flashes → Briefly press the new emitter's back P2 PROG → Motor jogs 1 time Orange light goes out → Adding emitter done

5.6 Deleting emitter

Operation 1: Delete one by one (if only one emitter remains, it can not be deleted)

Method 1



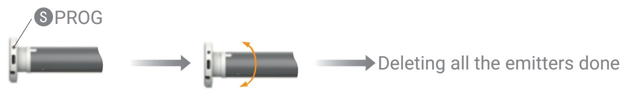
S PROG

Press S PROG for 2s → Motor jogs 1 time Orange light flashes → Briefly press the paired emitter's back P2 PROG → Deleting emitter done

Method 2

Press the paired emitter's back P2 PROG for 2s → Motor jogs 1 time Orange light flashes → Briefly press the paired emitter's back P2 PROG → Motor jogs 1 time Orange light goes out → Deleting emitter done

Operation 2: Deleting all the emitters

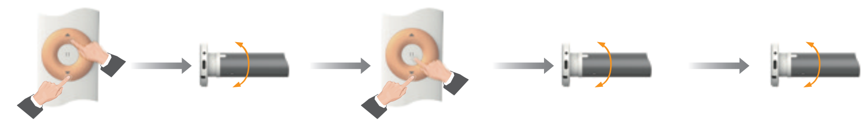


S PROG

Press S PROG for 7s → Motor jogs 2 times Orange light flashes → Deleting all the emitters done

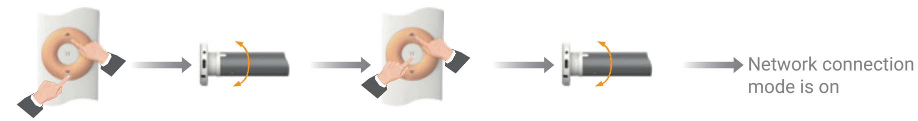
(Note: Adding an emitter after deleting all the emitters, briefly press emitter's back P2 PROG, orange light goes out, adding emitter done)

5.7 Module reboot



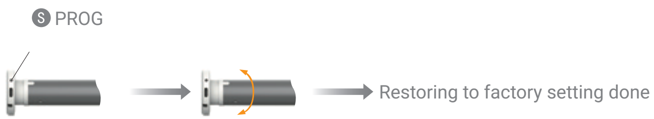
Press ▲ + ▼ simultaneously for 2s → Motor jogs 1 time, orange light flashes → Press ⏸ + ▼ simultaneously for 2s → Motor jogs 1 time, orange light flashes, module reboots → Motor jogs 1 time after 7 seconds, green light flashes 3 times then goes out, module reboots finished

5.8 Wireless emitter network connection



Press ▲ + ▼ simultaneously for 2s → Motor jogs 1 time, orange light flashes → Press ▲ + ⏸ simultaneously for 2s → Motor jogs 1 time, green light flashes 2 times then goes out → Network connection mode is on

06 Restore to factory setting (if operation error, reset after restoring to factory setting)



S PROG

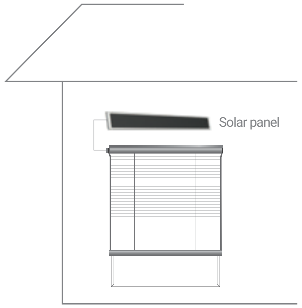
Long press S PROG for 12s → Motor jogs 3 times Orange light stays on → Restoring to factory setting done

07 Applications (Please keep antennas away from metal obstructions during installation or placement to avoid signal interference or block)

Applications 1 :

Built-in Lithium battery power supply, rechargeable via solar panel, instead of AC wall socket

SmartHome Control Host Wall wireless emitter Hand-held emitter



Applications 2 :

Built-in Lithium battery power supply, recharge via external charger, 4-8 months operation if fully charged

SmartHome Control Host Wall wireless emitter Hand-held emitter