DC Tubular Motor User Manual
Built-in Lithium Battery Electronic Limit(V04)

01 Features
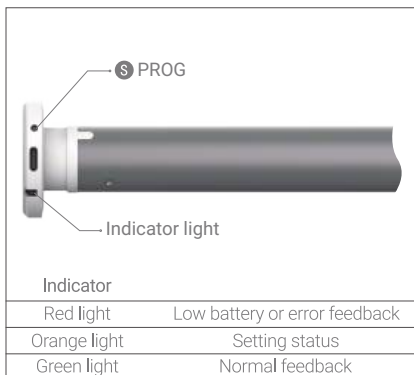
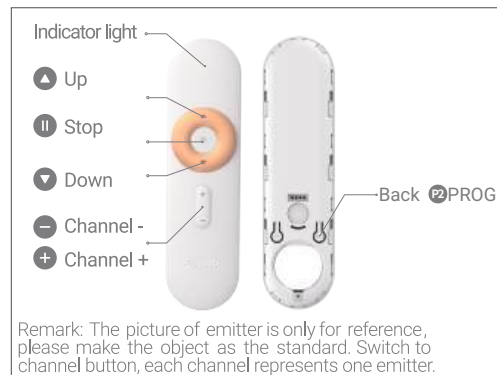|			
Remote control ●	Electronic limit ●	Preferred stop position ●	Gentle start gentle stop ●
Stop while obstructed ●	Rotation direction switch ●	Independent dimming ●	Memorized limits ●
Adjustable speed ●	Built-in Lithium battery ●		

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

Ⓢ PROG

Indicator light

Indicator

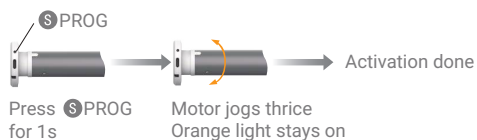| Red light	Low battery or error feedback
Orange light	Setting status
Green light	Normal feedback

Model	Charging Status Description	Status
LE/LEC/LET/LEZY/LEBY Lithium battery series	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.		

Emitter

- Indicator light
- ▲ Up
- Ⅱ Stop
- ▼ Down
- — Channel -
- + Channel +
- Back ⓟ₂ PROG

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.

04 Operation steps

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

4.1 Activation

Ⓢ PROG
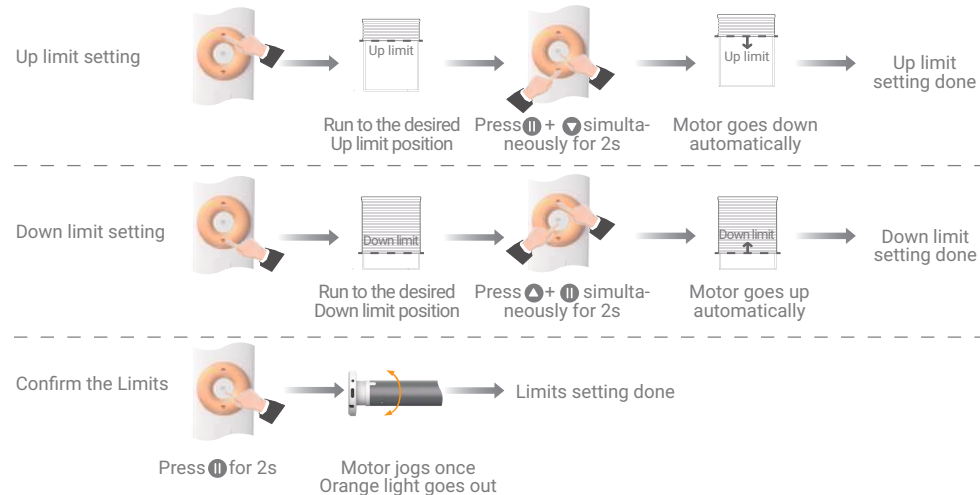
Activation done

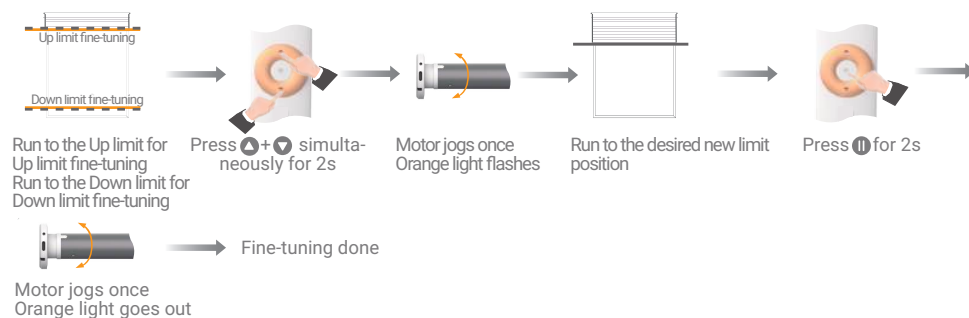Press Ⓢ PROG for 1s

Motor jogs thrice Orange light stays on

4.2 Pairing

Ⓢ PROG

Pairing done

Press Ⓢ PROG for 2s

Motor jogs once Orange light flashes

Briefly press back ⓟ₂ PROG

Motor jogs once

4.3 Change rotation direction

Changing motor rotation direction done

Press ▲ or ▼ to confirm the rotation direction

Press Ⅱ for 2s

Motor jogs once

Note: This operation only applies before the Limits setting
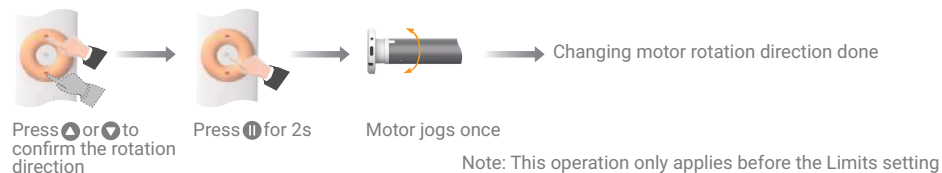
4.4 Limits setting (in Tilting mode now)

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

Limits setting done

Press Ⅱ for 2s

Motor jogs once Orange light goes out

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

5.1 Limits fine-tuning

Up limit fine-tuning

Down limit 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 once Orange light flashes

Run to the desired new limit position

Press Ⅱ for 2s

Motor jogs once Orange light goes out

Fine-tuning done

5.2 Speed Adjustment

Set High speed:

Press ⌃ + ‖ simultaneously for 2s → Motor jogs once → Setting done

Set Low speed:

Press ‖ + ⌄ simultaneously for 2s → Motor jogs once → Setting done
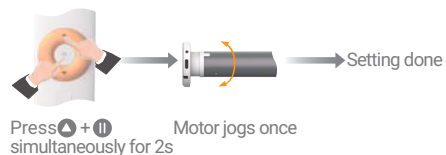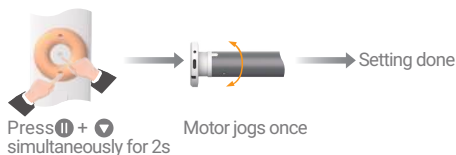
5.3 Tilting mode (default is off)

Press ⌃ + ‖ + ⌄ simultaneously for 2s → Motor jogs once → Tilting mode on/off setting done
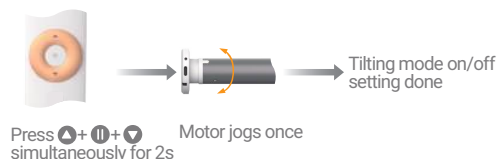
Note:
1. When the Tilting mode is off, press ⌃ or ⌄ , the motor runs continously.
2. When the Tilting mode is on, press ⌃ or ⌄ for less than 2s, the motor runs continously.
3. When the Tilting mode is on, press ⌃ or ⌄ for more than 2s, the motor runs slowly and tilts the slats, release then the motor 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 once → Preferred position setting/deletion done
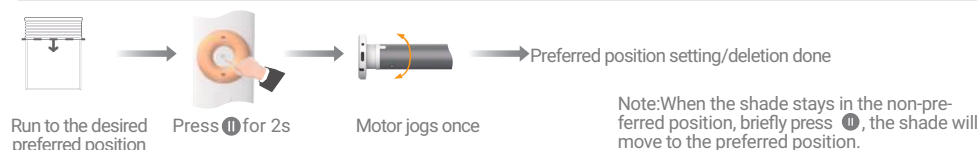
Note:When the shade stays in the non-pre-ferred position, briefly press ‖ , the shade will move to the preferred position.

5.5 Adding emitter (each motor can be quipped with 12 emitters maximumly)
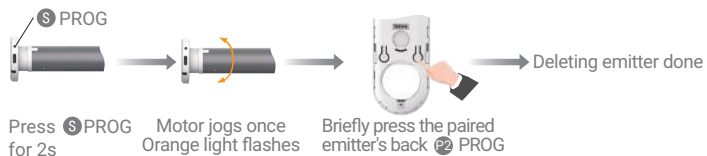
Method 1

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

Method 2

Press the paired emitter's back P2 PROG for 2s → Motor jogs once Orange light flashes → Briefly press the new emitter's back P2 PROG → Motor jogs once 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

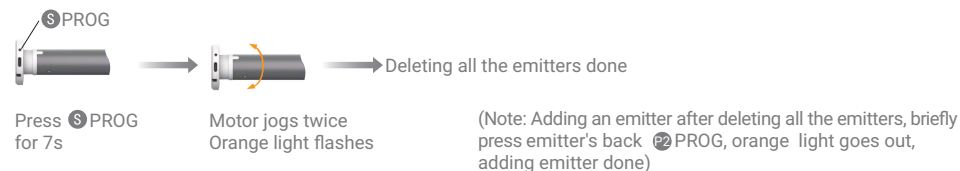Press Ⓢ PROG for 2s → Motor jogs once Orange light flashes → Briefly press the paired emitter's back P2 PROG → Deleting emitter done

Method 2

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

Operation 2: Deleting all the emitters

Press Ⓢ PROG for 7s → Motor jogs twice 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)

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

Long press Ⓢ PROG for 12s → Motor jogs thrice Orange light stays on → Restoring to factory setting done
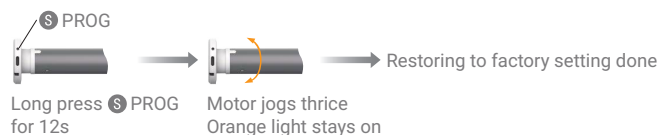
07 Applications (Please keep antennas away from metal obstructions during installation or placement to avoid signal interference or block)

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

Solar panel

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

LE:DC   8.4V/0.5A Charger input
LEC:DC 12.6V/0.5A Charger input
LET/LEZY/LEBY:DC   5V/2A   Charger input