

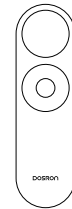
DOSRON[®]

Tubular Motor User Manual

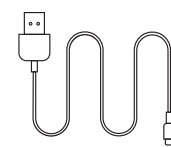
Module Name



Tubular Motor



Remote

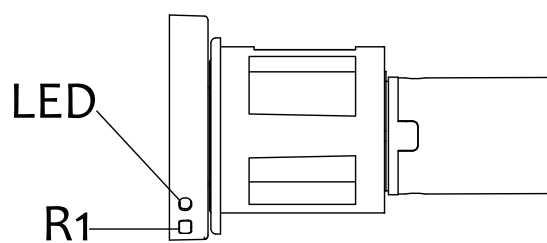


USB cable

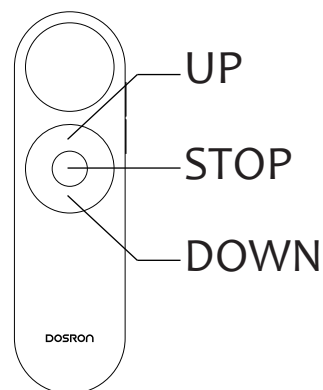


Manual

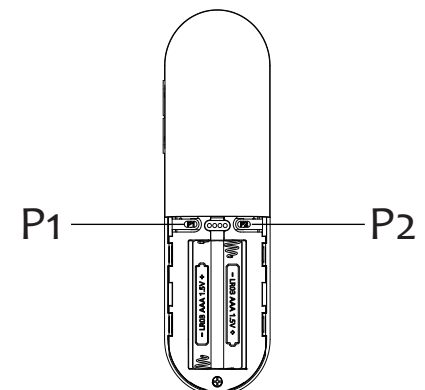
UI Description



R1 button and LED indicator



Front-side buttons



Back-side internal

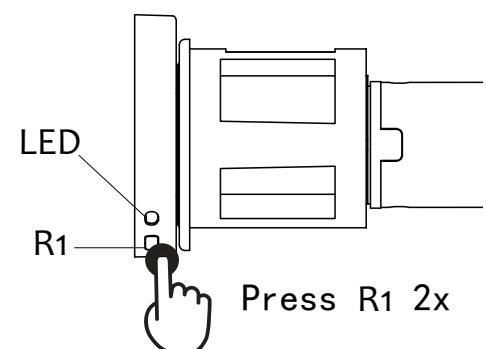
Device Operations

First-Time Use Guide:

Power on the motor → Pair the remote → Set top and bottom limit positions
→ Set upper and lower learning positions

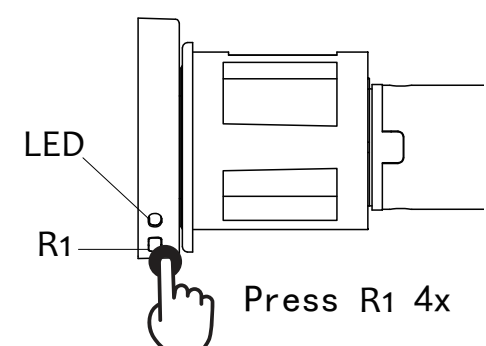
Power On

- 1.Short-press **R1** twice.
(with an interval of less than 1 second between presses)
- 2.Blue light flash indicates successful power-on.



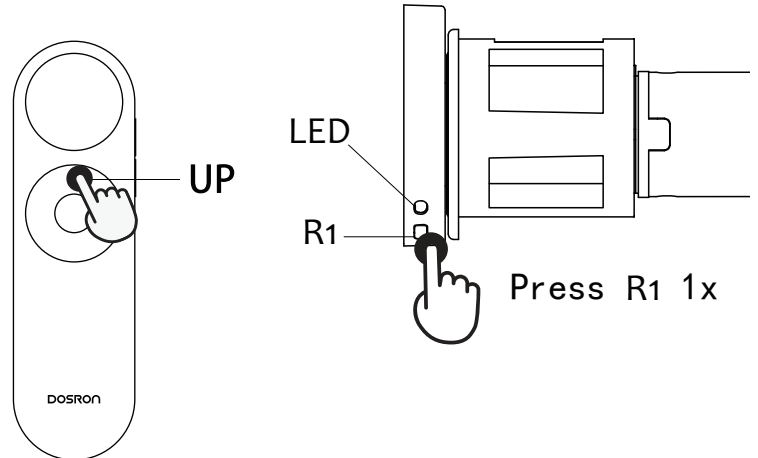
Power Off

- 1.Short-press **R1** 4 times.
(with an interval of less than 1 second between presses)
- 2.Red light flash indicates successful power-off.



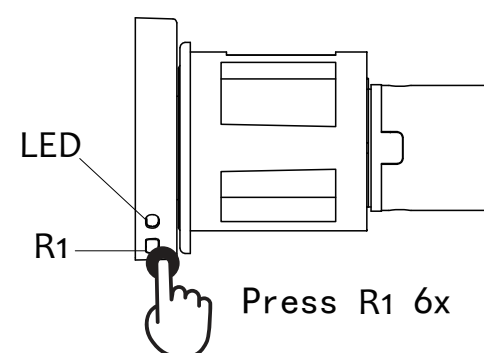
Remote Pairing

- 1.Ensure the blind is at the top point.
- 2.Press and hold the "**Up**" button.
- 3.Press **R1** once, then release.
- 4.The red and blue LEDs flash alternately 3 times indicates successful pairing.



Remote Deletion

- 1.Ensure the blind is at the top point.
- 2.Continuously short-press **R1** 6 times to clear all paired remotes.
- 3.The red and blue LEDs flash alternately 3 times indicates successful deletion.

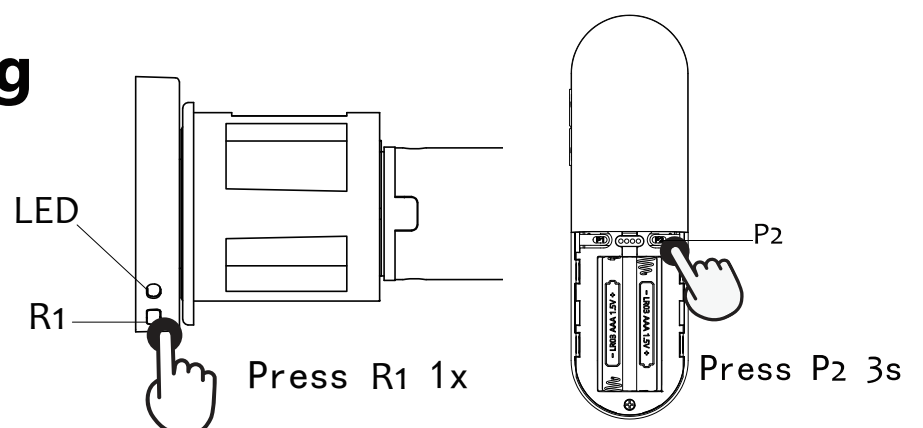


Note: After deleting old remotes and pairing new ones, you need to reset the limit and learning positions.

Limit Positions Settings

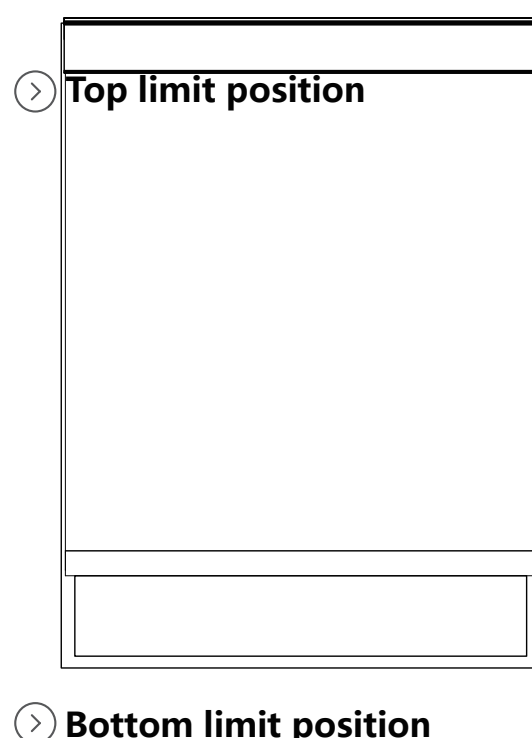
Top Limit Position Setting

1. Pull the blind to the top position.
2. Press the R1 once,the blue light flashes once.
3. The setting is complete.



Bottom Limit Position Setting

1. Pull the blind to the bottom position.
2. Open the back cover of the remote.
3. Press and hold **P2** for 3 seconds until the red and blue LEDs flash alternately 3 times.
4. Close the back cover, the setting is complete.

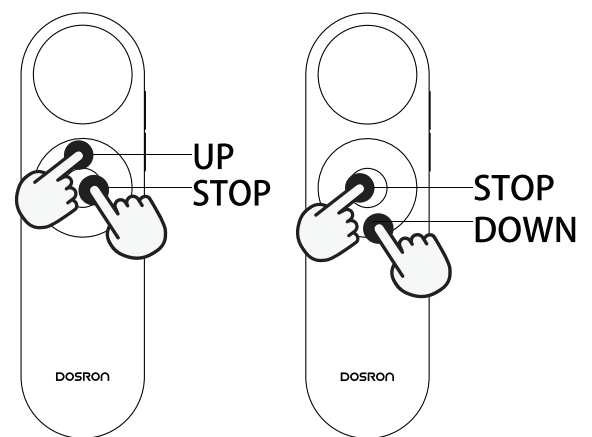


Learning Position Settings

Upper Learning Position Setting

- 1.Pull the blind to the desired highest position.
- 2.Long-press the "**STOP**" & "**UP**" simultaneously until the red and blue LEDs flash alternately 3 times (setting completed).

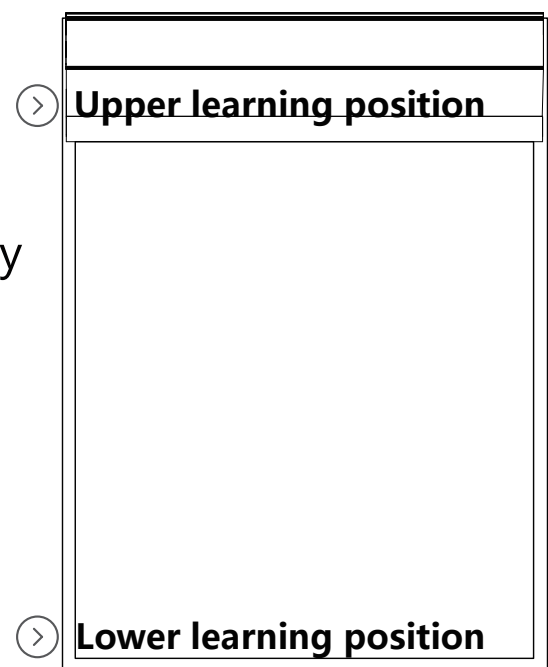
Function: After setting, pressing the "**UP**" once will directly run to this position. Long-pressing the button will run it to the top limit position.



Lower Learning Position Setting

- 1.Pull the blind to the desired lowest position.
- 2.Long-press the "**STOP**" & "**DOWN**" simultaneously until the red and blue LEDs flash alternately 3 times (setting completed).

Function: After setting, pressing the "**DOWN**" once will directly run to this position. Long-pressing the button will run it to the bottom limit position.



Note: If you want to change the learning position, simply repeat the steps.

Charging instructions

- Before using the motor with batteries for the first time, please charge it for at least 10 hours to ensure that it is fully charged before use.
- It is recommended to fully charge the battery every 6 months to extend its lifespan.
- Under normal circumstances, the motor can be used for 6-9 months after being fully charged once.
- When the motor stops running, the indicator light will flash twice, and the red light indicates low battery. Please charge it in time.
- When controlled by the remote, if the motor does not start and the indicator light turns red twice, it indicates low battery protection and requires immediate charging.
- If the motor is not used for a long time, please press R1 4 times to turn it off.



Solar Charging



AC Adapter



Power Bank

LED Light Status

Function	Status
Power On	Blue LED flashes once
Power Off	Red LED flashes once
Learning Positions Setting Success	Red and blue LEDs flash alternately 3 times
Bottom Limit Positions Setting Success	Red and blue LEDs flash alternately 3 times
Remote Pairing Success	Red and blue LEDs flash alternately 3 times
Clear all remotes	Red and blue LEDs flash alternately 3 times
Reaching Limit/Learning Position	Blue LED fast flashes 2 times/Red light flashes twice when the battery is low
Motor Stall	Blue LED fast flashes 2 times/Red light flashes twice when the battery is low
Remote Button Press	Blue LED flashes once/Red light flashes once when the battery is low
Push-Pull to Start	Blue LED flashes once/Red light flashes once when the battery is low
Low Battery	Red LED flashes twice
Charging	Blue LED flashes
Charging completed	Blue LED stays on steadily

Technical Parameters

PRODUCT MODEL	Battery Capacity (mAh)	Charging Voltage (V)	Rated Power (W)	Rated Speed (RPM)	Rated Torque (Nm)	Continuous working hours(h)	Motor Length (mm)	Protection Class (IP)
DT25B0/28-32X		5	5	28	0.7	∞	326	20
DT25B1/28-32X	2600	5	5	28	0.7	∞	396	20
DT25B2/28-32X	5200	5	5	28	0.7	∞	461	20
DT25B0/28-38X		5	5	28	0.7	∞	326	20
DT25B1/28-38X	2600	5	5	28	0.7	∞	396	20
DT25B2/28-38X	5200	5	5	28	0.7	∞	461	20

Cautions

⚠ High-Risk Warnings

- Do not throw the product into fire, as this may cause explosion, fire, or environmental pollution!
- Do not use in wet environments or expose to direct water. The controller contains high-voltage components.

⚠ Important Notices

- Keep the product out of reach of children to avoid damage from dropping or misuse.
- Operating Temperature: 0°C ~ 40°C.

⚠ Usage Tips

- Do not press remote button for too long to extend battery life. Press for approximately 0.5 seconds each time, with an interval of 1 second between presses.

Product appearance, color, and functions are subject to change. For any discrepancies, the physical product shall prevail.