DOSRON®
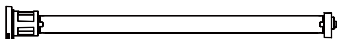# Tubular Motor User Manual

Package Contents

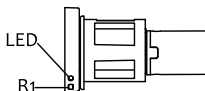
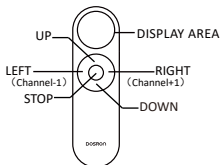Tubular motor   Remote   USB cable   Manual
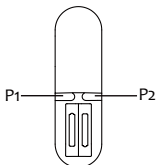
UI Description

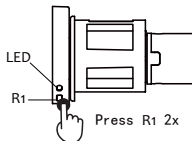R1 button and LED indicator   Front-side buttons   Back-side internal

Labels: LED, R1

Remote labels: UP, DISPLAY AREA, LEFT (Channel-1), RIGHT (Channel+1), STOP, DOWN

Back-side labels: P1, P2

Device Operations

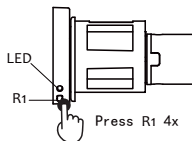### Power On

1.Short-press **R1 twice**.
(with an interval of less than 1 second between presses)

2.Blue light flash indicates successful power-on.

Press R1 2x

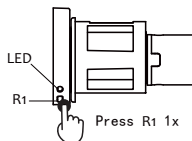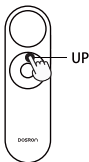### Power Off

1.Short-press **R1 4 times**.
(with an interval of less than 1 second between presses)

2.Red light flash indicates successful power-off.

Press R1 4x

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.
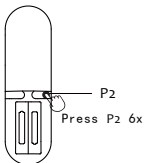

UP

Press R1 1x

Remove all remotes

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

LED

R1

Press R1 6x
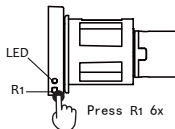
Remove a single remote

Press the **P2 6 times** to
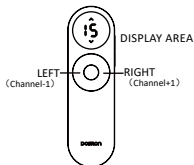remove the remote from the

P2

Press P2 6x

Channel Switching

Channel range: 1-15
Numbers on the display stand for different channels, and each channel can be paired with one device.
Channels can be switched by pressing the **"Left" or "Right"** button.
When "A" is displayed, you can control all set-up devices.

DISPLAY AREA

LEFT
(Channel-1)

RIGHT
(Channel+1)

Locking & Unlocking Maximum Channel Value

Lock: Press and hold the **"P1" for 3 seconds,** the current channel value will lock as the maximum.

Unlock: Press and hold the **"P1" again for 3 seconds** to reset the maximum channel value.

P1

Press P1 3s
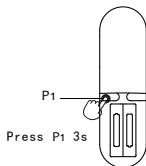
Limit Positions Settings

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.

LED

R1

Press R1 1x

P2

Press P2 3s
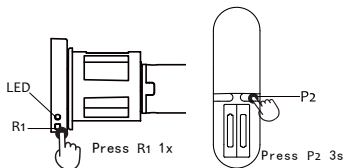
Bottom Limit Position Setting

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.

Top Limit Position

Upper Learning Position

Lower Learning Position

Bottom Limit Position
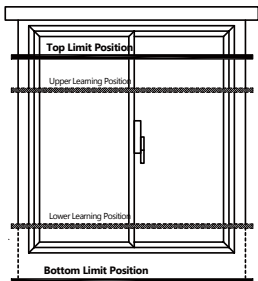
Learning Positions Settings

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.

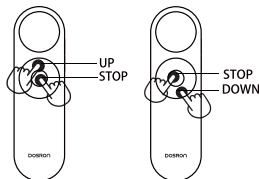2. Long-press the **"STOP" & "DOWN"** simultaneously until the red and blue LEDs flash alternately 3 times (setting completed).

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:
The set learning position must be between the limit positions, and the upper learning position must be higher than the lower learning position.
If you need to change the limit position and learning position, simply repeat the operation steps.
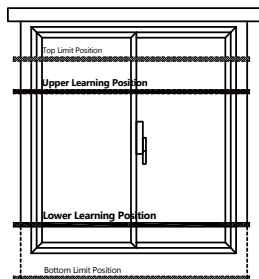
Charging Instructions

- First use: Charge the battery for at least 10 hours to fully charge before using the motor.
- Extend battery life: Fully charge the battery every 6 months.
- Usable time: A full charge allows normal motor use for 6-9 months.
- Low battery alerts:
  When the motor stops, the indicator light flashes twice (red light = low battery) – charge immediately.
  When using the remote: If the motor won't start and the indicator light turns red twice, this is low battery protection – charge right away.
- Long-term storage: If not using the motor for a long time, first fully charge it, then press the R1 button four times to turn it off.

Solar Charging   AC Adapter   Power Bank

Light-off charging mode

In this mode, the indicator light will remain off while the motor is being charged using a USB data cable with a Type-C interface.

1. Enter this mode: In the state where no data cable is connected for charging, press the **P2 4 times**. If the blue light flashes 2 times, the setting is successful.
2. Exit this mode: Press the **P2 4 times again**, and the blue light will flash 2 times, indicating that the lights-off charging mode has been exited.

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 (Regular charging mode)	Blue LED flashes
Charging completed (Regular charging mode)	Blue LED stays on steadily

Technical Parameters

PRODUCT MODEL	Battery Capacity （mAh）	Charging Voltage (V)	Rated Power (W)	Rated Speed (RPM)	Rated Torque (Nm)	Motor Length (mm)	Protection Class (IP)
DT25B1/28-32X	2600	5	5	28	0.7	396	20
DT25B2/28-32X	5200	5	5	28	0.7	461	20
DT25B1/28-38X	2600	5	5	28	0.7	396	20
DT25B2/28-38X	5200	5	5	28	0.7	461	20
DT25B1/25-32B	2600	5	5	25	0.4	396	20
DT25B2/25-32B	5200	5	5	25	0.4	461	20
DT25B1/25-38B	2600	5	5	25	0.4	396	20
DT25B2/25-38B	5200	5	5	25	0.4	461	20

Cautions

- Operating Temperature: 0℃ ~ 40℃
- Do not throw the product into fire, as this may cause explosion, fire, or environmental pollution!
- The controller contains high-voltage components.Do not use in wet environments or expose to direct water.
- Keep the product out of reach of children to avoid damage from dropping or misuse.
- 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.