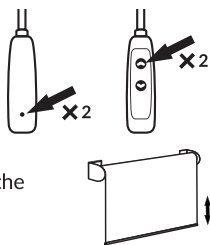# Setting favorite positions

Once the open and close limits are set, the motor can store two favorite positions. After setting the favorite positions, press twice **FAVORITE 1** or **FAVORITE 2** button to send the motor to the favorite position 1 or 2. If you also use the Neo Smart Blinds Blue app to controll your blinds, please read the related topic in the bottom of this page first.

Setting favorite position 1

1. Use **OPEN** and **CLOSE** buttons to go to the desired favorite position 1.

2. Press twice the **SET** button, then press twice the **OPEN** button. This entire sequence must be completed within 10 seconds.
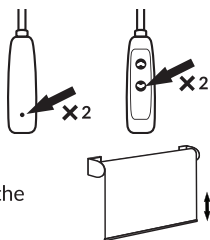
3. The motor will move to confirm that the favorite position 1 was saved.

Setting favorite position 2

1. Use **OPEN** and **CLOSE** buttons to go to the desired favorite position 2.

2. Press twice the **SET** button, then press twice the **CLOSE** button. This entire sequence must be completed within 10 seconds.
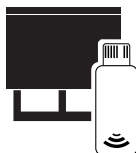
3. The motor will move to confirm that the favorite position 2 was saved.

Deleting a favorite position

Delete a favorite position by setting it at the same position. Go to the desired favorite position to delete. Then, set the same favorite position, using the instructions above. The motor will move to confirm the favorite position was deleted.

Neo Smart Blinds Blue app

None of the favorite positions set via wand are accessible to the Blue Link and the Neo Smart Blinds Blue app, however you can easily set up a favorite position in the app.

Blue Link

Local control of your motorized blinds using your phone or tablet. Set schedules to automate your home. No need to connect to your Wi-fi or router.

Troubleshooting

Motor is not responding

Insufficient battery: Please charge the battery at least for 2 hours and try again. Full battery charge may take about 6 hours.

Not holding the HEAD or SET button long enough: To enter the programming mode, you need to press the button, and keep it pressed, for 5 seconds, until the motor moves.

Motor only moves inch by inch in one or both directions

This behavior means that the open and/or close limits have not been set. Please refer to the setting limits section.
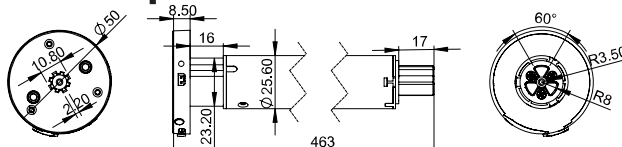
Warranty

The Neo Wand Motor (TM-WB25-1.1/30) carries an one year warranty counting from the invoice date. Normal wear and tear are excluded from the warranty.

Disposal

The TM-WB25 motors contains an internal lithium battery. Do not dispose of these items with your regular waste. Please recycle batteries and damaged electric products according to local regulations.

Motor specifications

All dimensions are in millimeters

Description: 25 mm motor with micro-USB charging port, solar panel connection and Blue Link connection.
Electrical parameters: 8.4 V DC internal rechargeable lithium battery.
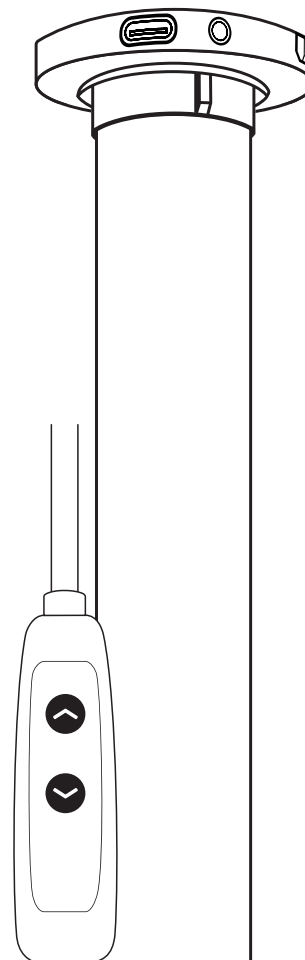**Power sources:** 5 V/1 A charger or 2 W/11 V solar panel.
Operational parameters: 1.1 Nm, 30 rpm.

For more information about our **motors, remote controls, compatible products and integrations**, please visit our website neosmartblinds.com.
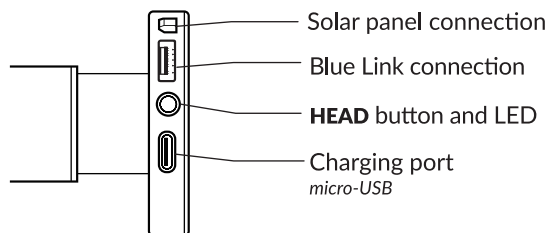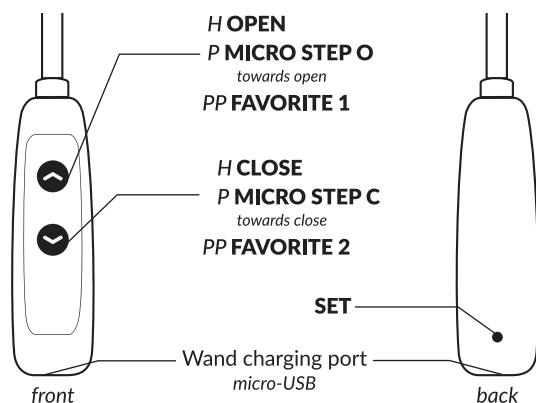
NEO WAND MOTOR

All TM-WB Models
Version 5.0

Models
WAND-21
WAND-39
WAND-51

powered by Neo Smart Blinds

Getting to know the Neo Wand Motor

- Solar panel connection
- Blue Link connection
- **HEAD** button and LED
- Charging port
  micro-USB

Getting to know the wand

H **OPEN**
P **MICRO STEP O**
towards open
PP **FAVORITE 1**

H **CLOSE**
P **MICRO STEP C**
towards close
PP **FAVORITE 2**

SET
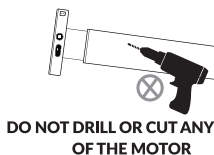
Wand charging port
micro-USB

front　　*back*

P - Press the button
PP - Press the button twice
H - Hold the button for 1 second

Caution

- Motor must be installed in a horizontal position and used with correct crown and drive adapters for tubular blinds.
- Keep wand, Blue Link and its app away from children.
- Ensure all cables and connected devices are protected and clear from moving parts.
- Misuse or any design modification will void warranty.

DO NOT CUT ANY CABLES　　**DO NOT DRILL OR CUT ANY PART OF THE MOTOR**

Basic operation

Key	Description
Hold **OPEN** for 1 second	The motor moves all the way to the open limit[1].
Hold **CLOSE** for 1 second	The motor moves all the way to the close limit[1].
Press **OPEN** or **CLOSE**	The motor stops any ongoing motion.
Press **MICRO STEP O**	The motor moves a small amount towards the open limit.
Press **MICRO STEP C**	The motor moves a small amount towards the close limit.
Double press **FAVORITE 1**	The motor moves to the favorite position 1[2].
Double press **FAVORITE 2**	The motor moves to the favorite position 2[2].

1 - The motor will stop on button release if the limit is not yet set.
2 - The motor will take no action if the favourite position is not yet set.

Charging the motor

1. Plug in the included charging cable in the wand charging port, located at the bottom of the wand, or the motor's charging port.
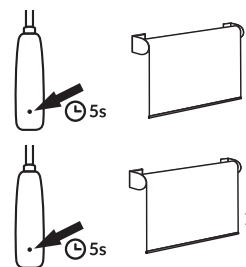
Solar Panel Installation *optional*

The solar panel must be within reach of the solar panel connection when selecting a place to mount. Attach the 2 provided mounts to the frame of the window 10 inches (25cm) apart from each other. Once the mounts are attached to the frame, install the solar panel blue side facing out and connect the provided cable to the motor.

Reverse direction

1. Hold the **SET** button on the back of wand for 5 seconds. The motor will move to indicate the process has started.

2. Then, hold the **SET** button on the back of wand for 5 seconds again. The motor will move to indicate that its direction was reversed.
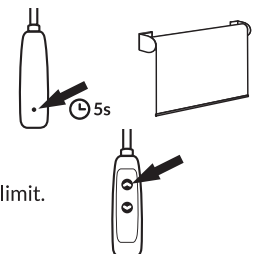
Setting or adjusting limits

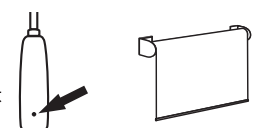The motor's open and close limits are set individually.

Open limit

1. Hold the **SET** button for 5 seconds. The motor will move to indicate the process to set up the open limit has started.

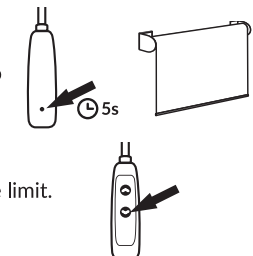**2.** Press **OPEN** to adjust the open limit.

3. Use **OPEN** and **CLOSE** buttons to go to the desired open position.

4. Press **SET** button on the back of the wand. The motor will move to confirm that the new open limit position has been saved.
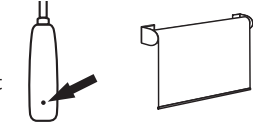
Close limit

1. Hold the **SET** button for 5 seconds. The motor will move to indicate the process to set up the close limit has started.

2. Press **CLOSE** to adjust the close limit.

3. Use **OPEN** and **CLOSE** buttons to go to the desired close position.

4. Press **SET** button on the back of the wand. The motor will move to confirm that the new close limit position has been saved.

Delete limits and favorite positions

Attention: A motor without open and close limits will only move a small amount when **OPEN** or **CLOSE** is pressed or holded.

1. Press twice the **SET** button on the back of the wand. The LED on the motor's head will turn on to indicate the process has started.

2. Hold the **SET** button for 5 seconds. The motor will move to indicate the process has finished.