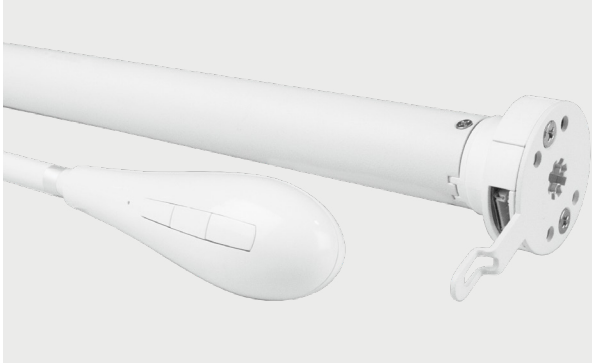


Wirefree Tubular Motor with Attached Wand Control RTMLW25

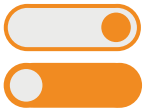


Wirefree Tubular Motors with Attached Wand Control - Li-ion battery powered motorized shades with wand control are a perfect retro fit for existing homes and for introducing automated shades at a value.

Easily adjust your shade with the controls located on the wand.

Child Safe Wand Control available in White in 3 lengths: 24", 36" or 48".

FEATURES



Preferred
Upper / Lower
Limit Settings



Favorite
Position



USB
Charge

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COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

TECHNICAL DATA / PACK CONTENTS

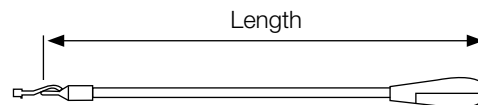
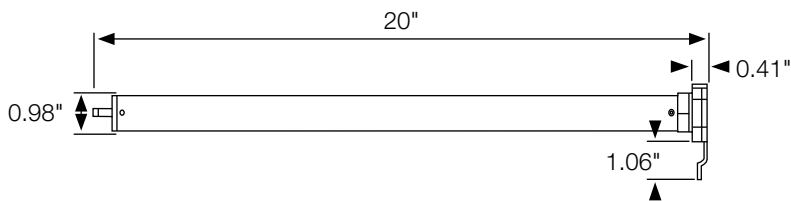
PRODUCT SPECIFICATIONS

Parameters	Value
Voltage	12 V DC
Torque	1.1 Nm
Max. Run Time	10 min.
Speed	40 RPM
Radio Frequency	433.92 MHz
Amps	0.83 A
Battery Size / Type	1400 mAh / Lithium-ion Rechargeable
Limit Switch Type	Electronic
Temperature Working Range	32° F - 140° F (0° C - 60° C)

PACK CONTENTS

1. Wirefree Tubular Motor (Wand Sold Separately)
2. Instruction Manual

Wand	Length
RTMW24/W	24"
RTMW36/W	36"
RTMW48/W	48"



INSTALLATION

Installation Instructions:

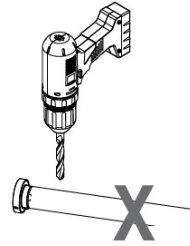
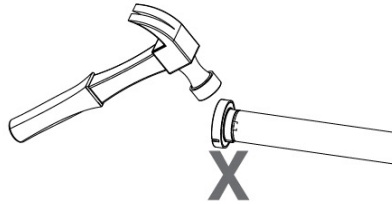
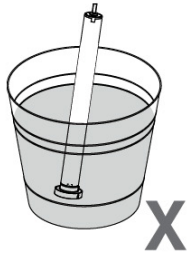


SAFETY



WARNING

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



CAUTION

- Do not expose to moisture or extreme temperatures.
- Do not allow children to play with this device.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- For use within tubular shades.
- Ensure correct crown and drive adapters are used for the intended system.
- Keep antenna straight and clear from metal objects.
- Do not cut the antenna.
- Use only R-TEC Automation® hardware.
- Before installation, remove any unnecessary cords and disable any equipment not needed for powered operation.
- Ensure torque and operating time is compatible with end application.
- Do not expose the motor to water or install in humid or damp environments.
- Motor is to be installed in horizontal application only.
- Do not drill into motor body.
- The routing of cable through walls shall be protected by isolating bushes or grommets.
- Ensure wand connector cable and antenna are clear and protected from moving parts.
- If cable or power connector is damaged, do not use.

IMPORTANT SAFETY INSTRUCTIONS TO BE READ PRIOR TO OPERATION

- It is important for the safety of persons to follow the enclosed instructions. Save these instructions for future reference.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep motor away from acid and alkali.
- Do not force the motor drive.
- Keep clear when in operation.



Do not dispose of in general waste.

Please recycle batteries and damaged electrical products appropriately.

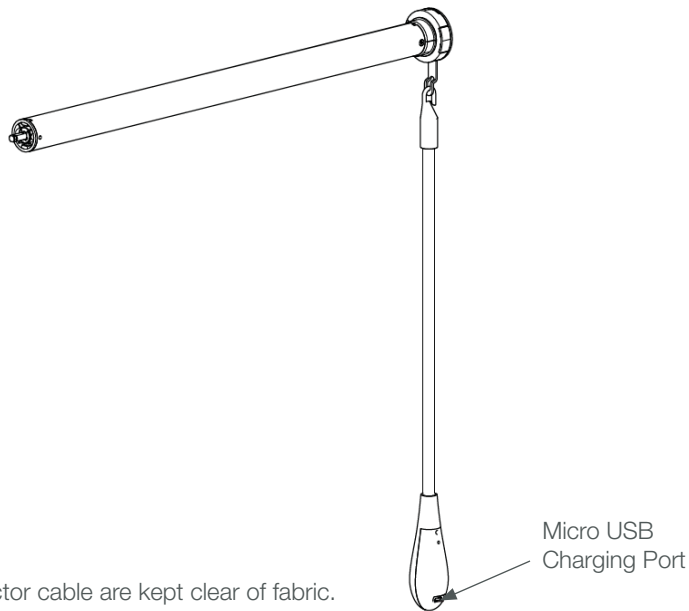


FUNCTIONAL OVERVIEW

OPERATION NOTE

This motor has a 12V built in Li-ion Battery Pack with integrated charge management.

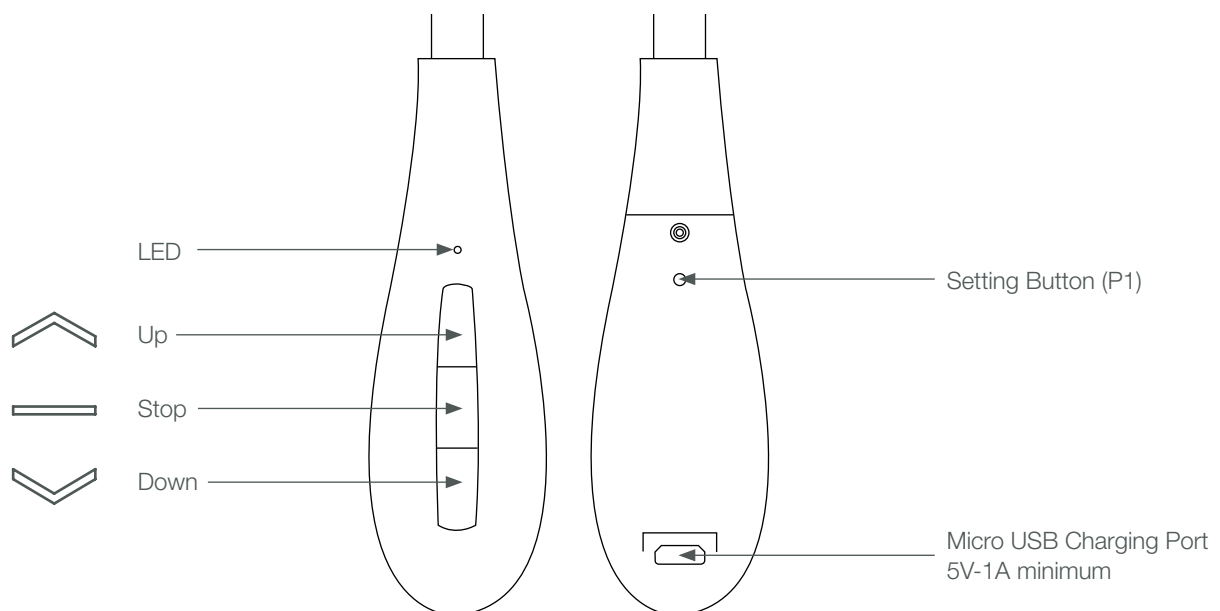
- Before first use, please charge motor for 6 hours using the recommended Wall Charger for Wand RTMLWC6.
- Don't operate the motor on low voltage, i.e., if the LED in the Wand is flashing.
- Set the limit positions before use to avoid damaging the motor or shade.
- The motor will stop if something blocks free movement of the shade.
- The motor will enter "sleep mode" to save battery life if the control wand is not operated within 6 minutes.



IMPORTANT

Ensure antenna and wand connector cable are kept clear of fabric.

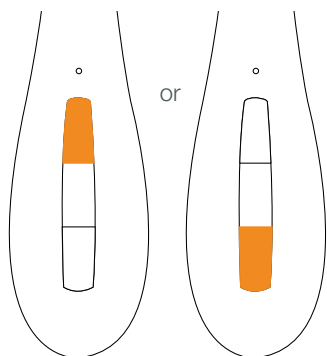
BUTTONS



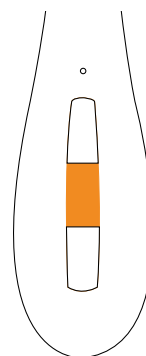
PROGRAMMING / INITIAL SET UP

FACTORY SETTINGS

To check travel direction, press
UP or **DOWN** on wand.



To stop motor, press
STOP on wand.



Quick Press = Step

Approx. 1 SEC

Long Press = Continuous Travel

Approx. 2 SECS



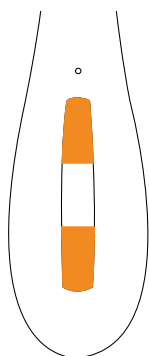
IMPORTANT

Damage to window treatment may occur when operating motor prior to setting limits. Attention should be given.

CHANGE MOTOR DIRECTION OF ROTATION

OPTION 1:

To reverse travel direction, hold both
UP and **DOWN** on wand for 5 seconds.

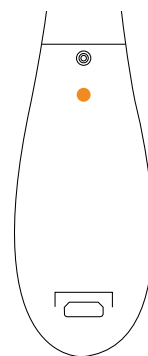


Motor Response

Approx. 5 SECS **JOG X2**

OPTION 2:

To reverse travel direction, press the
P1 button on wand for 5 seconds.



Motor Response

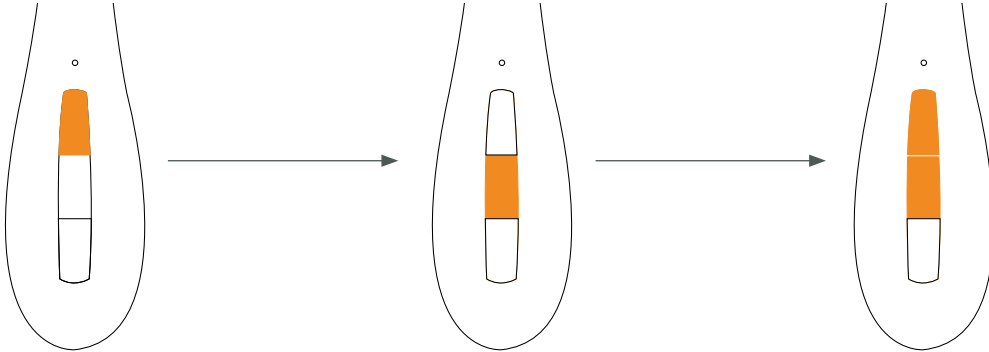
Approx. 5 SECS **JOG X2**

SET LIMITS

Move shade to the desired highest position by pressing the **UP** on the wand.

Press **STOP** on the wand.

To save upper limit, hold **UP** and **STOP**.

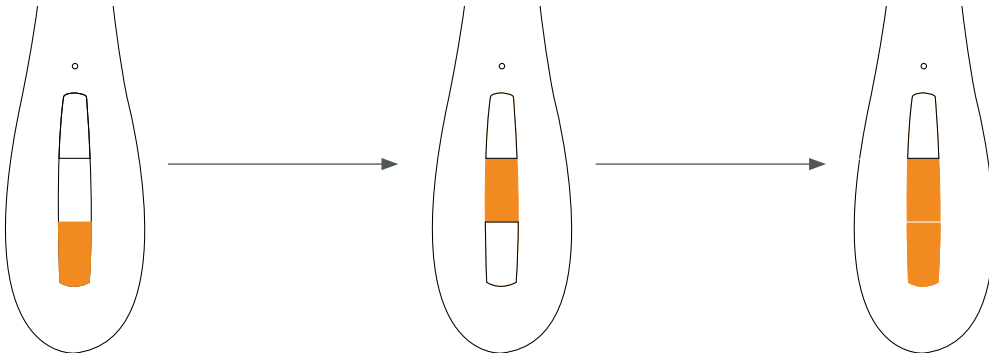


Motor Response
Approx. **JOG X2**

Move shade to the desired lowest position by pressing the **DOWN** on the wand.

Press **STOP** on the wand.

To save lower limit, hold **DOWN** and **STOP**.



Motor Response
Approx. **JOG X2**



IMPORTANT

The reversal of button directions option is unavailable while setting the limits. The motor will automatically go into Continuous Travel once the limits are set.

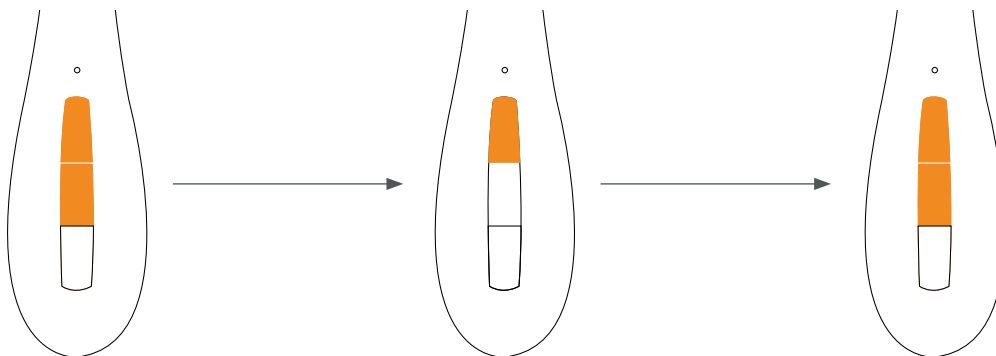
ADJUSTING LIMITS

ADJUST UPPER LIMIT

Hold **UP** and **STOP** on the wand for 5 seconds to enter Limit Adjustment Mode.

Move shade to the desired highest position by pressing the **UP** button.

To save upper limit, hold **UP** and **STOP**.



Motor Response

Approx.   **JOG X1**

Motor Response

Approx.   **JOG X2**



IMPORTANT

The Upper Limit can NOT be changed if it is currently sitting at the maximum height possible. Lower shade before beginning to change the upper limit.



IMPORTANT

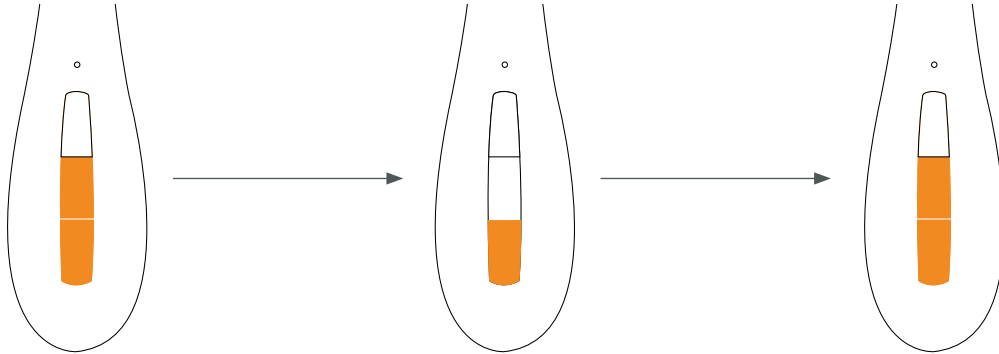
After entering the Limit Adjustment Mode, any Favorite Positions that have been saved are deleted and need to be reprogrammed. If 2 minutes pass with no button press, the motor will exit the Limit Adjustment Mode and no new positions are set.

ADJUST LOWER LIMIT

Hold **DOWN** and **STOP** on the wand for 5 seconds to enter Limit Adjustment Mode.

Move shade to the desired lowest position by pressing the **DOWN** button.

To save lower limit, hold **DOWN** and **STOP**.



Motor Response

Approx.   **JOG X1**

Motor Response

Approx.   **JOG X2**



IMPORTANT

The Lower Limit can NOT be changed if it is currently sitting at the lowest height possible. Raise shade before beginning to change the lower limit.



IMPORTANT

After entering the Limit Adjustment Mode, any Favorite Positions that have been saved are deleted and need to be reprogrammed. If 2 minutes pass with no button press, the motor will exit the Limit Adjustment Mode and no new positions are set.

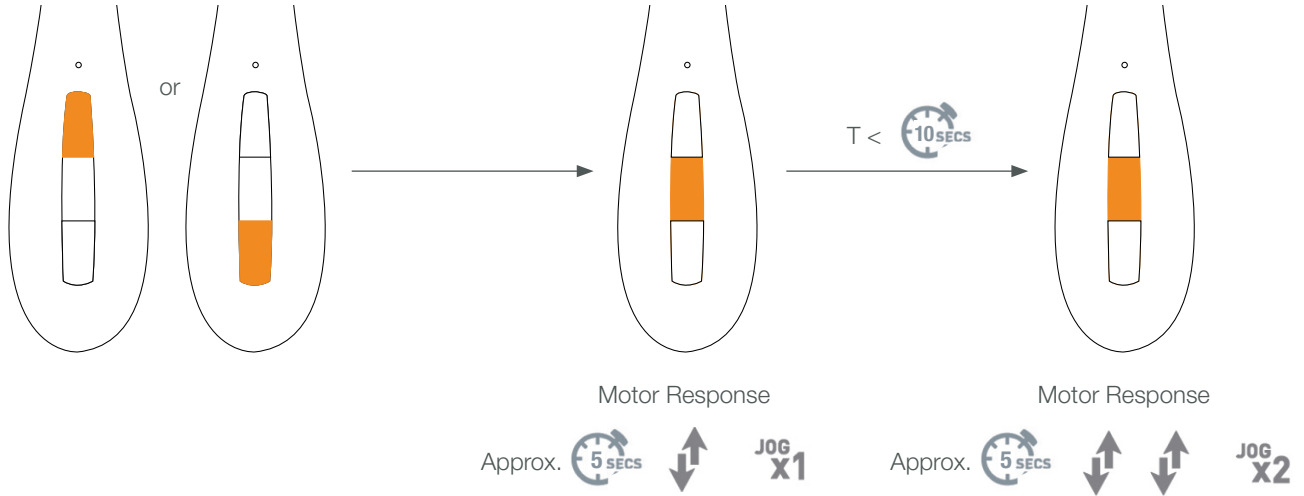
FAVORITE POSITIONING

SET A FAVORITE POSITION

Move shade to the desired position by pressing the **UP** or **DOWN** button on the wand.

Hold **STOP**.

Hold **STOP**.



IMPORTANT

Setting a Favorite Position must happen within 10 seconds after first pressing the **STOP** button.

Approx. 10secs

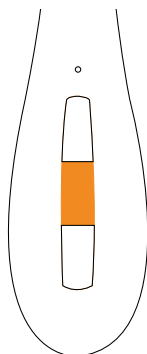


IMPORTANT

After entering the Limit Adjustment Mode, any Favorite Positions that have been saved are deleted and need to be reprogrammed. If 2 minutes pass with no button press, the motor will exit the Limit Adjustment Mode and no new positions are set.

SEND SHADE TO FAVORITE POSITION

Press **STOP** on wand for 2 seconds.

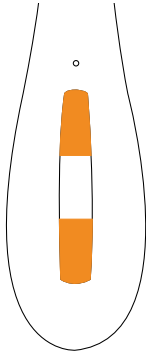


Approx. 2secs

STEPPING MODE

ENTER STEPPING MODE

Hold both **UP** and **DOWN** on wand for 2 seconds.



Motor Response



Quick Press = Stepping Mode

Long Press = Continuous Travel

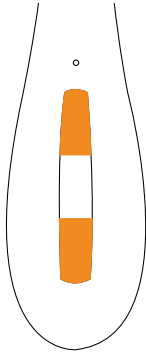


IMPORTANT

In Stepping Mode, press UP and DOWN for 2 seconds to step or Long Press for Continuous Travel.

EXIT STEPPING MODE

Hold both **UP** and **DOWN** on wand for 2 seconds.



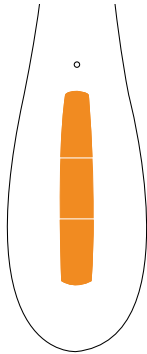
Motor Response



RESTORE FACTORY SETTINGS

Option 1:

Hold **UP**, **STOP** and **DOWN**
on wand for 10 seconds.

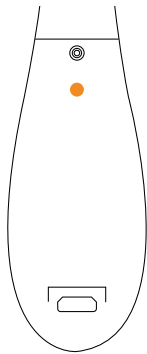


Motor Response



Option 2:

Hold **P1** button on back of
wand for 10 seconds.



Motor Response



TROUBLESHOOTING

Problem	Cause	Remedy
The wand LED flashes when the motor is working	Battery voltage is low	Recharge with compatible AC adapter.
Motor is not responding	Battery in motor is depleted	Recharge with compatible AC adapter.
	Power failure	Check power connector is attached correctly to motor head.
	Incorrect wiring	Check power connector is attached correctly to motor head.

Any Questions?

Contact our R-TEC Automation® in-house experts at 866.985.3423. Email us at RTECAutomation@RowleyCompany.com. Please use the [Custom Solutions Form](#) when ordering a Custom Solution.