MOTORIZED ROLLER SHADES
OTTO WIRED 6
PROGRAMMING GUIDE
REMOTE CONTROL BASICS

Wall Mount Holder

Remove cover from base by prying with flat head screwdriver.

Use supplied fasteners and anchors to attach the base to wall.

Replace cover by pressing snap latches into place.

Remote Control Functions & Battery Replacement

Remove cover from remote press gently in and down to disengage cover.

Install battery with positive (+) side facing up.

Slide to remove.
Cut off the mains power supply
Connect the motor according to the information in the table below.

![Diagram of wiring connections]

<table>
<thead>
<tr>
<th>Range</th>
<th>Neutral</th>
<th>Live</th>
<th>Earth</th>
</tr>
</thead>
<tbody>
<tr>
<td>220-240V</td>
<td>Blue</td>
<td>Brown</td>
<td>Yellow / Green</td>
</tr>
<tr>
<td>100-120V</td>
<td>White</td>
<td>Black</td>
<td>Green</td>
</tr>
</tbody>
</table>

Ensure cable is kept clear of fabric.
Ensure antenna is kept straight and away from metal objects.
**Motor state test**

This table describes the function of a short P1 button press/release (<2 seconds) depending on current motor configuration.

<table>
<thead>
<tr>
<th>P1 Press</th>
<th>Condition</th>
<th>Function Achieved</th>
<th>Visual Feedback</th>
<th>Audible Feedback</th>
<th>Function Described</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short Press</td>
<td>If limit is NOT set</td>
<td>None</td>
<td>No Action</td>
<td>None</td>
<td>No Action</td>
</tr>
<tr>
<td>Short Press</td>
<td>If limits are set</td>
<td>Operational control of motor, run to limit. Stop if running</td>
<td>Motor runs</td>
<td>None</td>
<td>Operational control of motor after pairing and limit setting is completed first time</td>
</tr>
<tr>
<td>Short Press</td>
<td>If motor is in “Sleep Mode” &amp; limits are set</td>
<td>Wake and control</td>
<td>Motor wakes and runs in a direction</td>
<td>None</td>
<td>Motor is restored from Sleep Mode and RF control is active</td>
</tr>
</tbody>
</table>

**Motor configuration options**

The P1 Button is utilized to administer motor configuration as described below and beginning in Section Motor configuration options.

- **Activate Pairing Mode**
  - Motor Response: 
    - JOG X1 RELEASE P1
    - BEEP X1

- **Sleep Mode**
  - Motor Response: 
    - JOG X2 RELEASE P1
    - BEEP X2

- **Reverse Direction**
  - Motor Response: 
    - JOG X3 RELEASE P1
    - BEEP X3

- **Reset To Factory Settings**
  - Motor Response: 
    - JOG X4
    - BEEP X4

**NOTE**

Reverse motor direction from P1 button only when motor does not have any limits.
**INTIAL SET-UP**

**Pair motor with controller**

Select channel on controller.  
Hold P1 button on motor head.  
Hold STOP on controller.

**IMPORTANT**  
Consult user manual for your controller for information on selecting channel.

**Motor is now in step mode and ready for setting limits**

**Check motor direction**

To check travel direction of shade, press **UP** or **DOWN** on controller.  
To reverse shade direction, hold both **UP** and **DOWN** until the motor responds.

Quick Press = Step  
Long Press = Continuous Travel

**IMPORTANT**  
Damage to shade may occur when operating motor prior to setting limits. Attention should be given.

**IMPORTANT**  
Reversing motor direction using this method is only possible during initial set-up.
Setting Limits

Move shade to the desired highest or lowest position by pressing the **UP** or **DOWN** buttons on controller.

![Images of UP and DOWN buttons]

**IMPORTANT**
Cycle shade up and down prior to setting limits to settle fabric.

**Motor Response**
- Approx 3 secs
- BEEP x3
- JOG x2

**IMPORTANT**
After setting limits, motor will automatically exit from initial set-up mode.

**Initial set-up is now complete**

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

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

Adjust upper limit

Hold UP and STOP on controller.

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

To save upper limit, hold UP and STOP.

Motor Response

Approx. 5 SECS

EXT. BEEP

Motor Response

Approx. 5 SECS

EXT. BEEP

Approx. 5 SECS

5.2 Adjust lower limit

Hold DOWN and STOP on controller.

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

To save lower limit, hold DOWN and STOP.

Motor Response

Approx. 5 SECS

EXT. BEEP

Motor Response

Approx. 5 SECS

EXT. BEEP
Adding or Removing Controllers and Channels

**Using motor P1 button**

Hold **P1** button on motor head.

Hold **STOP** on controller to add or remove.

**Motor Response**

- Approx. 2 SECS
- **JOG**
- **RELEASE P1**
- **EXT. BEEP**
- **X1**

**Using a pre-existing controller**

**A** = Existing controller or channel (to keep)

**B** = Controller or channel to add or remove

Press **P2** on existing controller.

Press **P2** on existing controller.

Press **P2** on new controller.

**Motor Response**

- **JOG**
- **BEEP**
- **X1**

**IMPORTANT**

Consult user manual for your controller or sensor.
FAVORITE POSITIONING

Set favorite position

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

Press **P2** on controller. Press **STOP** on controller. Press **STOP** on controller.

**Motor Response**

- UP: JOG x1
- DOWN: BEEP x1

Send shade to favorite position

Hold **STOP** on controller.

**Motor Response**

- Approx. 2 SECS

Delete favorite position

Press **P2** on controller. Press **STOP** on controller. Press **STOP** on controller.

**Motor Response**

- UP: JOG x1
- DOWN: BEEP x1
- EXT. BEEP x1
**ROLLER MODE**

**Enter roller mode (Default)**

Hold **UP** and **DOWN** on controller. Press **STOP**

Motor Response

Approx. \[ \text{steps} \] \[ \text{JOG} \times 1 \]

**SLEEP MODE**

**Enter Sleep Mode**

Sleep mode is utilized to prevent a motor from moving during shipping of a fabricated shade

Hold **P1** button on the motor head

Motor Response

\[ \text{JOG} \times 2 \]

RELEASE **P1**

\[ \text{BEEP} \times 2 \]

**Exit Sleep Mode**

Exit sleep mode once the shade is installed

Press and release **P1** button on the motor head

Motor Response

\[ \text{JOG} \times 1 \]
<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Motor is not responding</strong></td>
<td>A / C power supply not plugged in.</td>
<td>Check motor to power cable connection and AC plug.</td>
</tr>
<tr>
<td></td>
<td>Battery in wand are depleted</td>
<td>Replace 8xAA alkaline batteries.</td>
</tr>
<tr>
<td></td>
<td>Power failure</td>
<td>Check power supply to motor is connected and active</td>
</tr>
<tr>
<td></td>
<td>Transmitter battery is discharged</td>
<td>Replace battery</td>
</tr>
<tr>
<td></td>
<td>Battery is inserted incorrectly into transmitter</td>
<td>Check battery polarity</td>
</tr>
<tr>
<td></td>
<td>Radio interference/shielding</td>
<td>Ensure transmitter is positioned away from metal objects and the aerial on motor or receiver is kept straight and away from metal</td>
</tr>
<tr>
<td></td>
<td>Receiver distance is too far from transmitter</td>
<td>Move transmitter to a closer position</td>
</tr>
<tr>
<td></td>
<td>Incorrect wiring</td>
<td>Check that wiring is connected correctly (refer to motor installation instructions)</td>
</tr>
<tr>
<td><strong>Unable to adjust or set limits.</strong></td>
<td>Remote is in a locked state.</td>
<td>Change remote status to an unlocked state</td>
</tr>
<tr>
<td><strong>Cannot program a single Motor (multiple motors respond)</strong></td>
<td>Multiple motors are paired to the same channel.</td>
<td>Always reserve an individual channel for programming functions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SYSTEM BEST PRACTICE - Provide an extra 15 channel remote in your multi motor projects, that provides individual control for each motor for programming purposes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Place all other motors into sleep mode.</td>
</tr>
</tbody>
</table>

**WARNING**

Cords on window covering products present a potential strangulation hazard.

For child safety, consider cordless alternatives or products with inaccessible cords.

**ADVERTENCIA**

Las cuerdas y cadenas y persianas presentan un peligro de estrangulación.

Para la seguridad de los niños, considere alternativas sin cuerdas o productos con cuerdas y cadenas inaccesibles.