# BANDED SHADES

Smart Home Collection Motorization

SMART HOME
COLLECTION
by BUDGET BLINDS®

Thank you for your purchase. This shade has been custom built for you from the highest quality materials.
To avoid errors and save valuable time, please read these instructions before installing your new shades.

TOOLS YOU WILL NEED

1. Pencil or Marker
2. Measuring Tape
3. Flat Blade Screwdriver
4. Phillips Screwdriver
5. Level
6. Power Drill
7. 3/32" Drill Bit & 1/4" Hex Nut Driver Bit
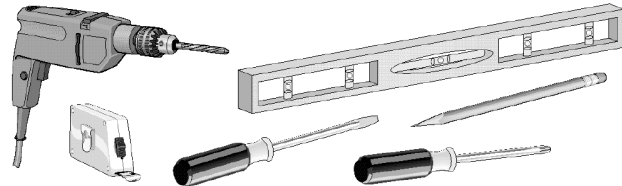
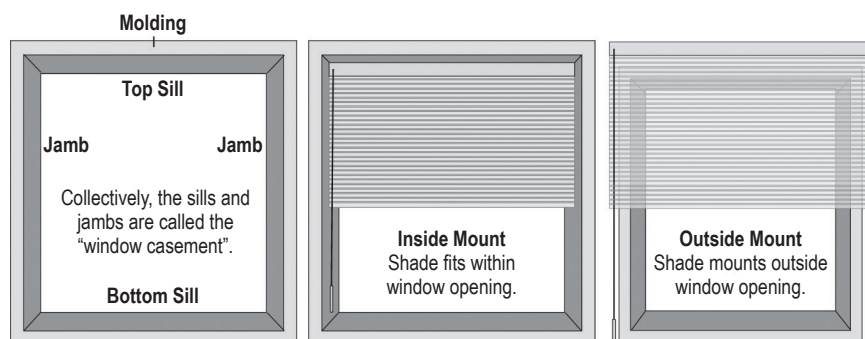| Mounting Surface	Fastener	
Drywall, Plaster	Wall Anchors, Expansion Bolts (Not provided)	
Metal	Sheet Metal Screws (Not provided)	
Wood	No. 6 Hex Head Screws (Provided)	

TABLE OF CONTENTS

GETTING STARTED

Thank you for purchasing Banded Shades. All of the required installation components are wrapped in your package along with these instructions. With proper installation, operation, and care, your new shades will provide years of beauty and performance. Please thoroughly review this instruction booklet before beginning the installation.
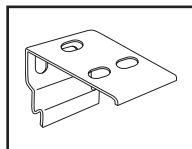
Mounting Brackets

Mounting Types

If the installation brackets are mounted correctly, the rest of the installation process will follow easily. To prepare for this important first step, review the mounting types and basic window terminology illustrated below.

Molding

Top Sill

Jamb　　　　　**Jamb**

Collectively, the sills and jambs are called the "window casement".

Bottom Sill

Inside Mount
Shade fits within window opening.

Outside Mount
Shade mounts outside window opening.

Bracket Installation

The installation brackets may be for **INSIDE** or **OUTSIDE** mounts.

Mounting the brackets level is essential for proper operation of the shade.

The number of installation brackets required varies depending on the shade width, as shown in the table.

Shade Width	Brackets Required
Up to 36"	2
>36 1/8" - 72"	3
>72 1/8" - 90"	4
>90 1/8" - 120"	5

Inside and Outside Mount

1. Measure and mark 2-1/2" in from each jamb for bracket location.
2. If more than two installation brackets came with your order, space additional bracket(s) on studs, evenly between the two end brackets and mark their location.
3. Mark the location of the screw holes by the brackets on the previously made marks.
   - Use a 3/32" drill bit to drill holes for the screws.
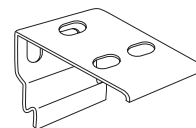
IMPORTANT: *The brackets must be level and aligned to each other.*

IMPORTANT: *If you are fastening the installation brackets to drywall, be sure to use wall anchors and follow the instructions provided with the anchors. (Anchors not provided.)*

4. Use a level to check that the mounting surface is level. Shim the brackets if necessary. (Shims not provided.)

INSTALL THE SHADE

1. Peel back the protective covering from the top and endcaps of the headrail. Leave the rest of the protective covering on the front of the headrail.
2. Install brackets by sliding the headrail into the groove inside the front lip of the bracket and then push towards back of the brackets until snaps into place.
3. Completely remove the protective covering from the headrail.

INITIAL SET UP: Pair Motor with Controller

1. Select channel on controller

IMPORTANT: *Consult user manual for your controller for information on selecting channel.*
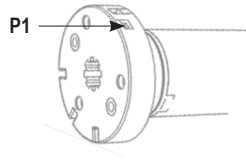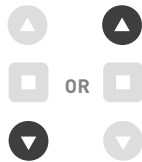
2. Hold P1 button on motor head

Motor Response:

JOG x1
RELAPSE P1
EXT. BEEP x1

3. Hold STOP button on controller

Motor Response:

Approx. 2 SECS
JOG x2
BEEP x3

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

INITIAL SET UP: Check motor direction

To **check travel direction** of shade, press **UP** or **DOWN** on controller.

Quick Press: Step
Long Press: Continuous Travel

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

To **reverse shade direction**, hold both **UP** and **DOWN**. Until the motor responds.

Motor Response:

Approx. 2 SECS
JOG x1
BEEP x1

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

INITIAL SET UP: Set Limits

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

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

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

Motor Response:

Approx. 5 SECS
JOG x2
BEEP x3

To **save lower limit**, hold **DOWN** and **STOP**
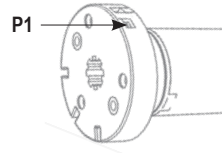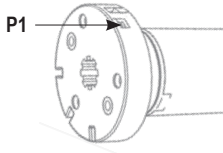
Motor Response:

Approx. 5 SECS
JOG x2
BEEP x3

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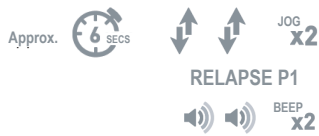
Sleep Mode

If multiple motors are grouped on a single channel, Sleep Mode may be used to put all but 1 motor to sleep, allowing programming of just the one motor that remains "Awake". See page 9 for detailed **P1** functions.

P1

Enter Sleep Mode

- Sleep mode is utilized to prevent a motor from incorrect configuration during other motor setup.

- Hold P1 button on the motor head.

Motor Response:

Approx. 6 SECS   JOG x2

RELAPSE P1

BEEP x2

Exit Sleep Mode: Method 1

- Exit sleep mode once the shade is ready.

- Press and release P1 button on the motor head.

Motor Response:

JOG x1

BEEP x1

Exit Sleep Mode: Method 2

- Remove power and then re-power the motor.

Adjusting Limits

Adjusting Upper Limit
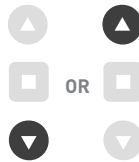
1. Hold **UP** and **STOP** on controller
Motor Response:

Approx. 5 SECS   JOG x1

EXT. BEEP x1

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

3. To save upper limit, hold **UP** and **STOP**
Motor Response:

Approx. 5 SECS   JOG x2

BEEP x3

Adjusting Lower Limit

1. Hold **DOWN** and **STOP** on controller
Motor Response:

Approx. 5 SECS   JOG x1

EXT. BEEP x1

2. Move shade to the desired lowest position by pressing the **UP** or **Down** button

3. To save lower limit, hold **DOWN** and **STOP**
Motor Response:

Approx. 5 SECS   JOG x2

BEEP x3

IMPORTANT: *The bottom limit should be set ~1.38 in. (35mm) below the Ultra-Lock to disengage the auto lock mechanism when the shade is raised.*

Using P2 Button on Existing Controller to Add a New Controller or Channel

A = Existing controller or channel (to keep)

B = Controller or channel to add or remove

Press **P2** on controller **A**
Motor Response:

JOG **x1**

BEEP **x1**

Press **P2** on controller **A**
Motor Response:

JOG **x1**

BEEP **x1**

Press **STOP** on a new controller to add it
Motor Response:
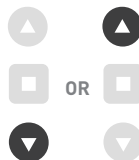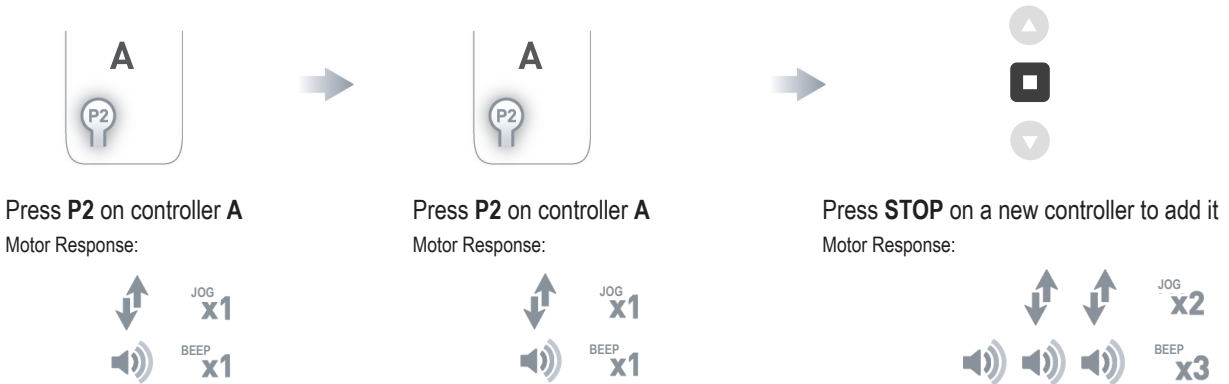
JOG **x2**

BEEP **x3**

IMPORTANT: *Consult user manual for your controller or sensor.*

Using a Pre-existing Controller to Add or Delete a Controller or Channel

A = Existing controller or channel (to keep)

B = Controller or channel to add or remove

Press **P2** on controller **A**
Motor Response:

JOG **x1**

BEEP **x1**

Press **P2** on controller **A**
Motor Response:

JOG **x1**

BEEP **x1**

Press **P2** on the controller **B** to remove it
Motor Response:

JOG **x2**

BEEP **x3**

IMPORTANT: *Consult user manual for your controller or sensor.*

Setting a Favorite Position

OR

Move shade to the desired height position
by pressing the **UP** or **Down** button

Press **P2** on controller
Motor Response:

JOG **x1**

BEEP **x1**

Press **STOP** on controller
Motor Response:

JOG **x1**

BEEP **x1**

Press **STOP** on controller
Motor Response:

JOG **x2**

BEEP **x3**
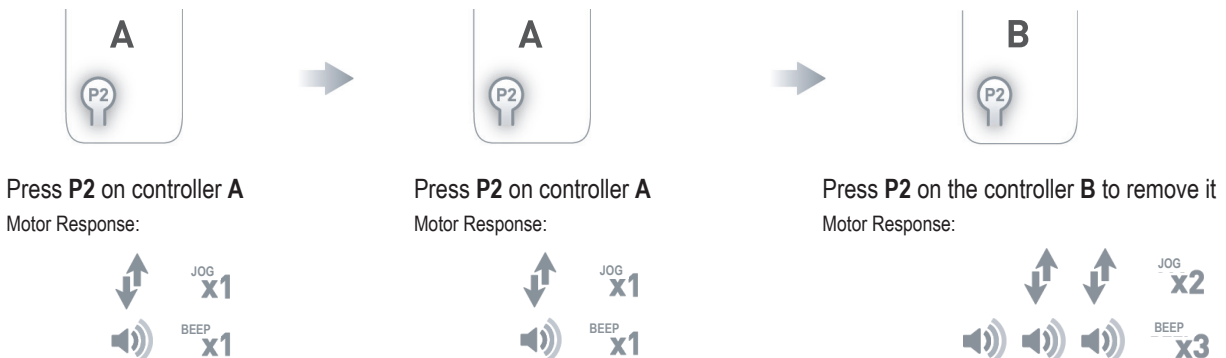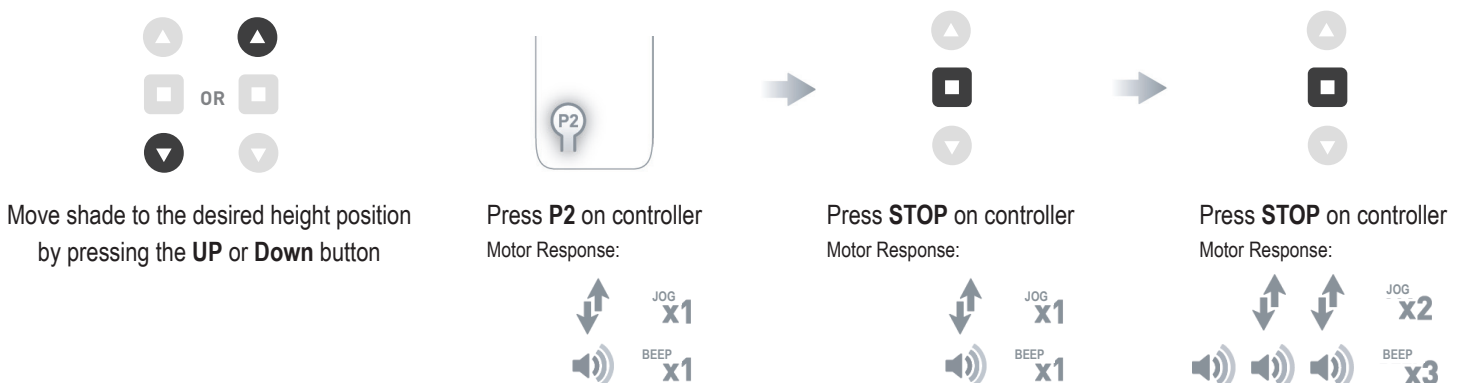
Favorite Position

Send Shade to Favorite Position

Approx. 2 SECS ■

Press **STOP** on controller

Deleting Favorite Position

Press **P2** on controller
Motor Response:

JOG **x1**

BEEP **x1**

Press **STOP** on controller
Motor Response:

JOG **x1**

BEEP **x1**

Press **STOP** on controller
Motor Response:

JOG **x1**

EXT. BEEP **x1**
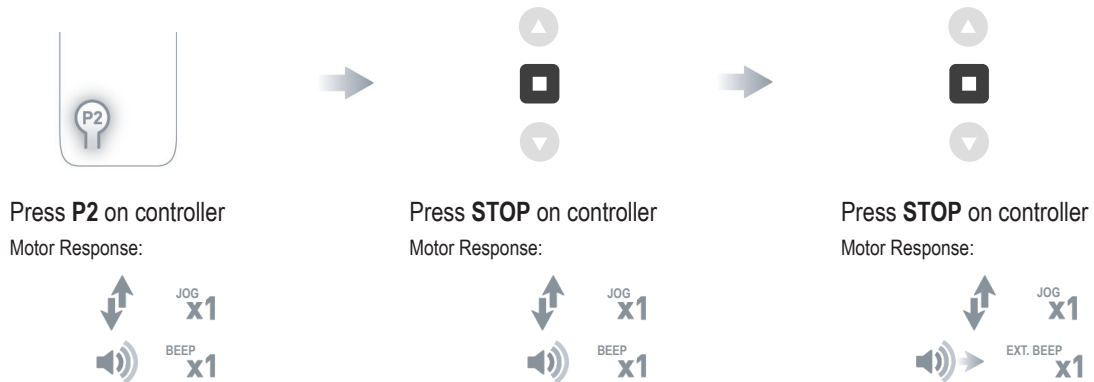
Adjusting Speed

Increase Motor Speed

Default motor mode is the slowest speed.

Press **P2**
Motor Response:

JOG **x1**

BEEP **x1**

Press **UP**
Motor Response:

JOG **x1**

BEEP **x1**

Press **UP**
Motor Response:

JOG **x2**

BEEP **x1**

Decrease Motor Speed

Press **P2**
Motor Response:

JOG **x1**

BEEP **x1**

Press **DOWN**
Motor Response:

JOG **x1**

BEEP **x1**

Press **DOWN**
Motor Response:

JOG **x2**

BEEP **x1**

Turn Soft Stop OFF

Motor must be in slowest speed to turn Soft Stop OFF.

Press **P2**

Motor Response:

JOG x1

BEEP x1

Press **DOWN**

Motor Response:

JOG x1

BEEP x1

Press **DOWN**

Motor Response:

JOG x1

BEEP x1
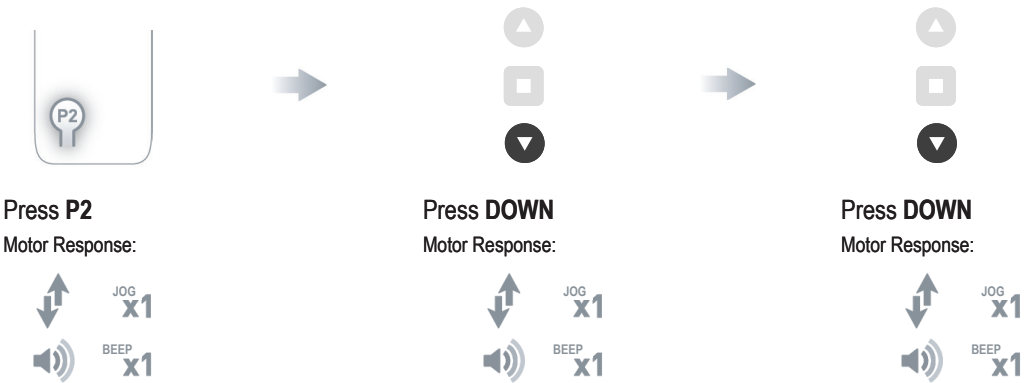
Turn Soft Stop ON

Motor must be in fastest speed to turn Soft Stop ON.

Press **P2**

Motor Response:

JOG x1

BEEP x1

Press **UP**

Motor Response:

JOG x1

BEEP x1

Press **UP**

Motor Response:

JOG x1

EXT. BEEP x1
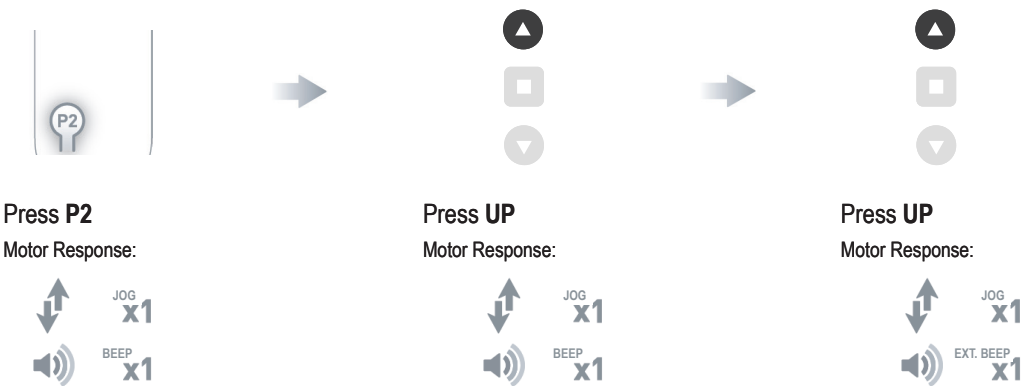
Send Shade to Battery Charge Level

Shade must be at Upper Limit.

Hold **UP**

Motor Response:

Approx. **5** SECS

Upper Limit
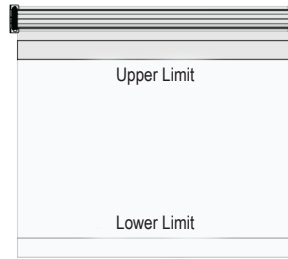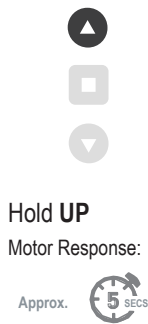
Lower Limit

Shade must be at upper limit
Hold **UP** for approx. 5s

Percentage of
Battery Charge
Remaining

Percentage Depleted
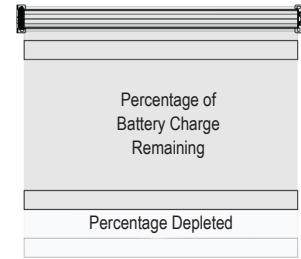
Shade moves to percentage of
battery charge remaining

Turn Charging LED ON/OFF

Motor must be at lower limit.

Hold **DOWN** to toggle off

Motor Response:

Approx. **5** SECS Red LED flashes x3

Hold **DOWN** to toggle on

Motor Response:

Approx. **5** SECS Red LED flashes x3

The motor has a 5V built-in Li-ion battery pack with integrated charge management

Charge with AC Charger:

To charge the battery with the AC Charger, simply plug the charger cable end into the charger wire on the motor. Plug the charger into an electrical outlet and charge for approximately 6 hours. When the light turns green, continue to charge for 1 to 2 more hours to ensure battery is fully charged.

Charge with Solar Panel:

Solar Panels can be mounted to a window frame utilizing a mounting bracket (provided) or attached to a window utilizing adhesive tape (also provided). Please refer to installation instructions provided with the Solar Panel. Once the Panel is installed, connect the Solar Panel cable connector to the motor cable connector.
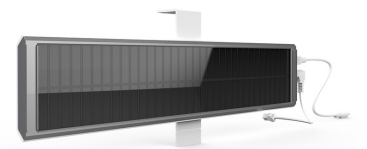
Motor State Test

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

P1 Press	Condition	Function Achieved	Visual Feedback	Audible Feedback	Function Described
Short Press	If limit is NOT set	None	No Action	None	No Action
	If limits are set	Operational Control of motor, run to limit. Stop if running	Motor Runs	None	Operational control of motor after pairing and limit setting is completed first time
	If motor is in "Sleep Mode" & limits are set	Wake and Control	Motor wakes and runs in a direction	None	Motor is restored from Sleep Mode and RF control is active

Motor Configuration Options

The **P1** Button is utilized to administer motor configurations as described below. Hold **P1** button on motor head.

Activate Pairing Mode

JOG x1 · Approx. 2 SECS · RELAPSE P1 · BEEP x1

Sleep Mode

JOG x1 · JOG x1 · Approx. 2 SECS · Approx. 6 SECS · RELAPSE P1 · BEEP x2

Reverse Direction

JOG x1 · JOG x1 · JOG x1 · Approx. 2 SECS · Approx. 6 SECS · Approx. 10 SECS · RELAPSE P1 · BEEP x3

Reset to Factory Setting

JOG x1 · JOG x1 · JOG x1 · JOG x1 · Approx. 2 SECS · Approx. 6 SECS · Approx. 10 SECS · Approx. 14 SECS · RELAPSE P1 · BEEP x4
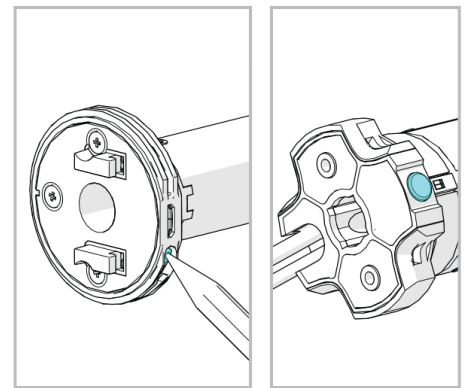
P1 button on motor head.

TROUBLESHOOTING

MOTOR IS NOT RESPONDING.

- Battery in motor is depleted — Recharge with compatible AC adapter and check connection and positioning of solar panel.

- Insufficient charging from solar panel — Check connection and orientation of solar panel.

- Transmitter battery is discharged — Replace battery.

- Battery is inserted incorrectly into transmitter — Check battery polarity.

- Radio interference/shielding — Ensure transmitter is positioned away from metal objects and the aerial on motor or receiver is kept straight and away from metal.

- Receiver distance is too far from transmitter — Move transmitter to a closer position.

- Power failure — Check power supply to motor is connected and active.

- Incorrect wiring — Check that wiring is connected correctly (refer to motor installation instructions).

MOTOR BEEPS 10 TIMES WHEN IN USE.

- Battery voltage is low / solar panel issue — Recharge with AC adapter or check connection and positioning of solar panel.

CANNOT PROGRAM A SINGLE MOTOR (MULTIPLE MOTORS RESPOND).

- Multiple motors are paired to the same channel

    a. Always reserve an individual channel for programming functions.

    b. System Best Practice - Provide an extra 15 channel remote in your multi motor projects, that provides individual control for each motor for programming purposes.

    c. Place all other motors into sleep mode (ref to P1 function overview).

THE SHADE RAISES ON LOWERS UNEVENLY.

- Check that the installation brackets are level and aligned. Shim the brackets, if necessary.

THE SHADE WILL NOT RAISE.

- Check to make sure the Universal Cord Tensioner is mounted properly. If the hold down brackets have been used make sure they have been released.

THE UNIVERSAL CORD TENSIONER HAS CLIMBED TO THE TOP OF THE SHADE.

- Pull down on the spring to relieve tension and pull the universal cord tensioner to the bottom of the cord loop. Properly mount the cord tensioner. See Universal Cord Tensioner Installation Instructions in the kit included with your shade.

THE UNIVERSAL CORD TENSIONER GRABS ONTO THE CORD UPON OPERATION.

- Check that the universal cord tensioner is mounted properly. Reinstall, if necessary. See the Universal Cord Tensioner Installation Instructions that came with your Cord Tensioner Kit.

THE SHADE FABRIC WINDS UNEVENLY ON THE ROLL.

1. Check that the shade is level.

2. Using the beaded cord loop, completely lower the roller shade.

    a. If the shade winds unevenly and begins to telescope to one side, check to insure that the shade is level.

    b. If the shade is not level, remove it from the installation brackets and shim or re-install the brackets, as necessary.

IMPORTANT: *If the shade was unrolled before being installed, it may not raise and lower to the right points.*

To correct this:

1. Remove the shade from mount brackets

2. Roll the shade up until the bottom rod is even with the bottom of the clutch.

3. Re-install the shade.

CARE AND CLEANING

Shades are made of the highest quality materials for extended wear. If it is not damaged or exposed to a great deal of direct sunlight, it is not unrealistic to expect years of enjoyment with minimal care. Raising and lowering shades periodically helps reduce most natural dust accumulation.

Dusting: Regular light dusting with a feather duster is all the cleaning that is needed in most circumstances.

Note: Banded Shades should not be vacuumed or spot-cleaned.

WARRANTY INFORMATION

Lifetime Limited Warranty covering our Custom Made Blinds

We extend this lifetime limited warranty to the original purchaser. This warranty applies only to manually operated Custom Products properly installed in the window, door or interior area for which they were intended. Installation of the product must be in accordance with accompanying instructions. The product cannot be modified. It is the purchaser's responsibility to maintain and clean the product in compliance with the instruction provided. The product must be used only in the window for which it was purchased. Damage to the product resulting from misuse, abuse, direct exposure to salty air or discoloration due to sunlight or the passage of time is not covered by this warranty.

This warranty does not apply to conditions caused by normal wear and tear upon the product. This warranty is exclusive and in lieu of all other obligations, liabilities or warranties. In no event shall the Manufacturer be liable for incidental or consequential damages or for any other direct or indirect damage, loss, cost, expense or fee. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you.

In the event of a defect under this warranty, we will repair or replace the product, at our option, provided it is returned to our store. Our warranty obligation excludes shipping charges and labor costs for measuring and installation. Repairs will be made with like or similar parts. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Notes: Specialty Blinds and Shades are warranted for one year from the date of purchase. This warranty does not apply to Commercial Orders.

C8-50-3000