5-Channel Controller

Functional Overview

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About The Controller

The LuXout 5-Channel Controller features a contemporary design and wire-free deployment making it retrofit ready for any location. Perfect for all internal motorized shade control applications, it can be mounted on any surface - wall or optional tabletop pedestal. The slim profile eliminates the need for any holes to be cut in the walls.

Features:
- Retrofit-ready
- Individual and/or group control
- Compatible with screwless decorator wall plates
- Functions as a handheld or optional tabletop controller

Pack Contents:
- Remote (1)
- Wall fixing screws & anchors (2)
- Mountable magnetic holder (1)
- Instruction manual (1)
- 3V - CR2430 battery (installed) (1)
- White single gang decorator wall plate (1) (including 2 mounting screws)
- Programming guide

* OPTIONAL Tabletop pedestal (if ordered)

Tools Needed:
- Phillips Head Screwdriver
- Flat Head Screwdriver

Important Note:
One 5-Channel Controller is provided for each room with your order. One rechargeable battery charger is also provided for each room of shades with rechargeable battery motors.

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JOB NAME

MODEL NUMBERS

JOB NUMBER

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LuXout Shades come preprogrammed from the factory.

1). You Must Wake Up The Motor
(for rechargeable battery motors only)

After installing the shade, wake up the motor by pressing and releasing the programming button on the motor head. Once the button has been pressed, the shade will move to its lower limit, and the shade is now awake.

Motor head programming button

Motor head depressed button
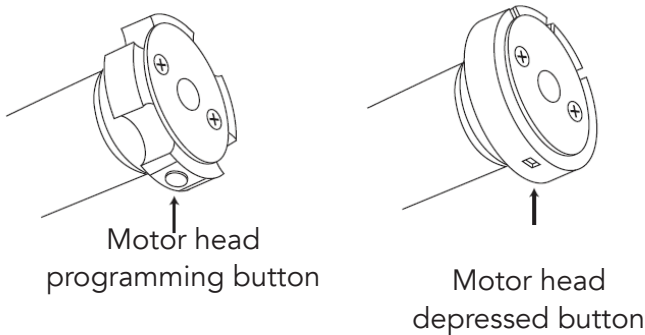
2). Press the first button #1, & the blue LED will light.

Once all shades are awake, the LuXout Controller is pre-programmed with one shade per channel button (or one group of shades per channel button*). Press the first button #1, and the blue LED will light. Press the "UP" arrow button and the shade will move to its upper limit and stop at the top of the window
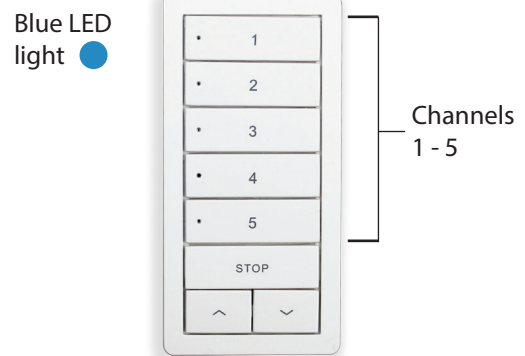
Blue LED light

Channels 1 - 5

Stop — STOP

Up — — Down
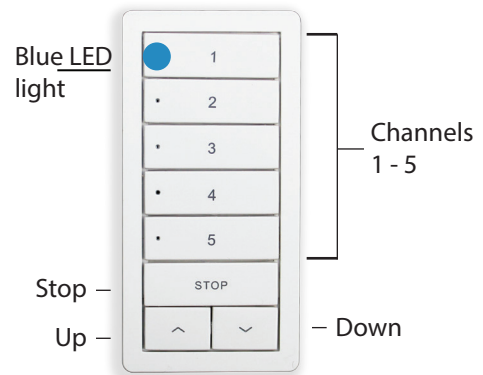
3). Repeat step 2 for each button

- Select next channel to operate. Blue LED on.

- Deselect all other channels. Blue LED off.

4). Repeat step 2 for each button

To operate multiple shades or groups, press each channel desired and the blue LED will indicate each channel selected.

Blue LED light

Channels 1 - 5

STOP

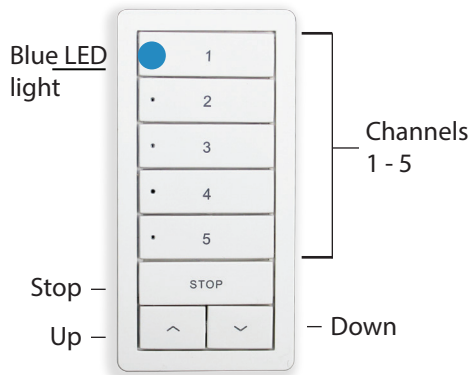* A channel (group) can be one or multiple shades per button.

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LuXout Shades come preprogrammed from the factory.

5). One Channel Is Always Enabled

It is important to note that one channel will always stay selected.

Blue LED light

1

2

3

Channels 1 - 5

4

5

Stop — STOP

Up — ∧ ∨ — Down

6). See Controller Programming Booklet Enclosed

See the enclosed controller programming booklet in packing box for complete programming instructions.

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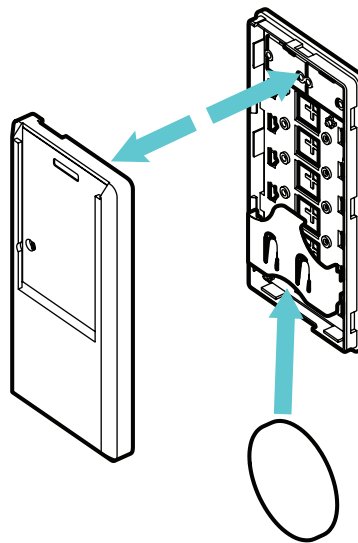## Install and/or Replace Controller Battery

The battery comes installed when shipped with shade.

A). Open rear battery cover by gently separating switch covers with a flathead screwdriver.
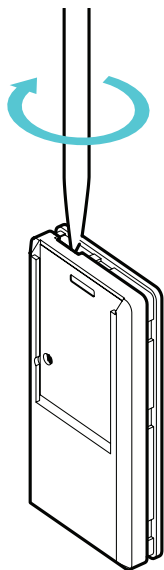
B). Pull yellow tab to engage battery.

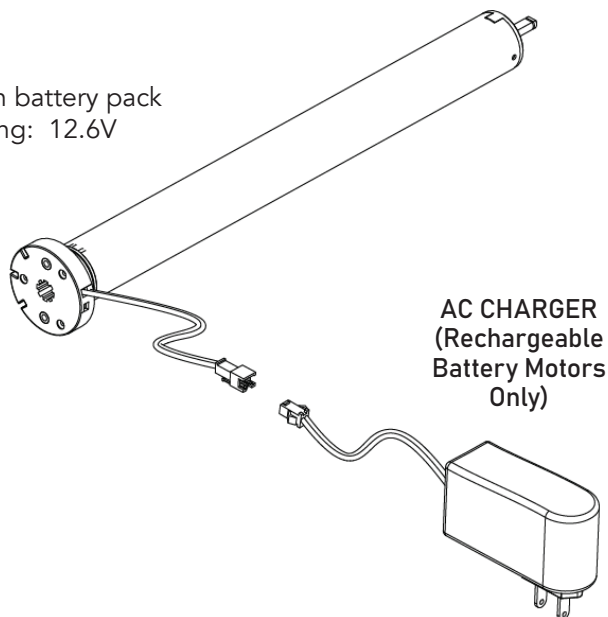**C).** Install CR2430 battery with positive side facing up. Snap covers back together.

Charging Shades

For rechargeable battery motors. This motor has a 12V built-in Li-ion battery pack with integrated charge management. Max power input for recharging: 12.6V / 1000mAh.

• During operation, if voltage drops to less than 10V, the motor will beep 10 times to prompt when it needs to be charged.
• Motor will stop running when the voltage is lower than 7V and will resume again when the voltage is greater than 7.5V.
• When charger is plugged in, a red LED light indicates the motor is currently charging. A green LED light indicates that battery is fully charged.

IMPORTANT
• Ensure cable is kept clear of fabric.
• Ensure antenna is kept straight and away from metal objects.

AC CHARGER
(Rechargeable Battery Motors Only)

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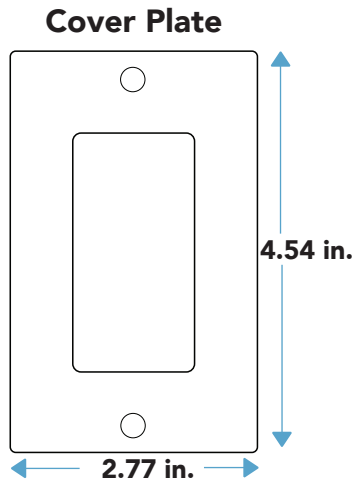1221 Admiral Street | Richmond, VA | 800–817–1204
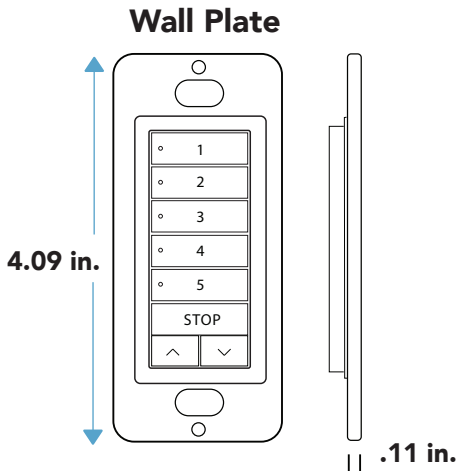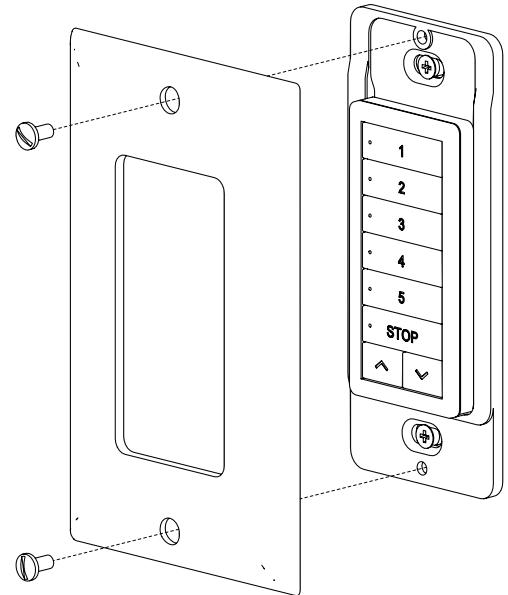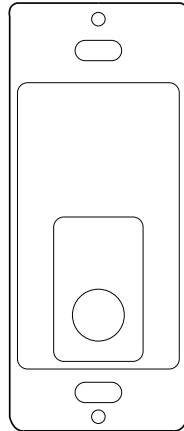
Effective: June 1, 2019

The 5-Channel Controller is magnetized and can be removed for hand held operation. Program the switch to the motor prior to installation, then test radio performance in the location the switch will be installed in, to ensure best performance.

Slide controller into base.

Use the supplied fasteners and anchors as needed to attach the base.
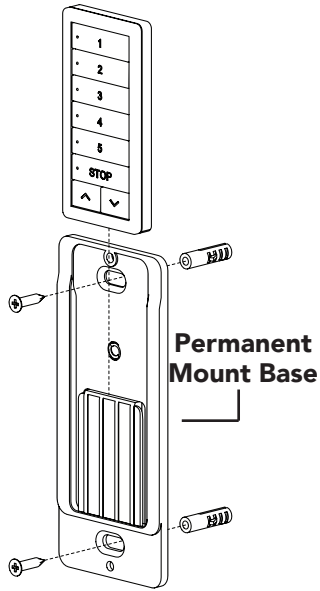
Standard Wall Mount With Removable Controller

Permanent Mount Base

Wall Plate

4.09 in.

.11 in.

Tabletop Pedestal

1.78 in.

2.95 in.

Cover Plate

4.54 in.

2.77 in.

Controller

2.60 in.

1.28 in.
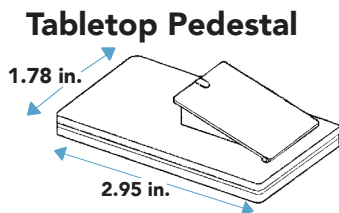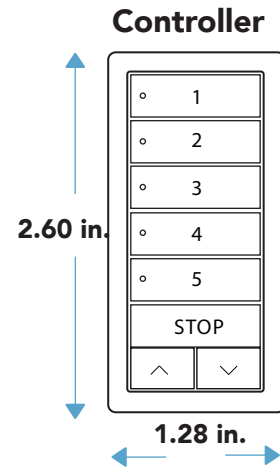
TECHNICAL SPECIFICATIONS

Input Voltage	3V (CR2430)
Transmitting Frequency	433.92 MHz
Transmitting Power	10 milliwatt
Operating Temperature	-10ºC - 50ºC
Transmitting Distance	up to 30 feet

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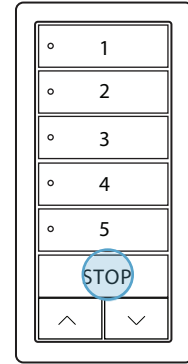
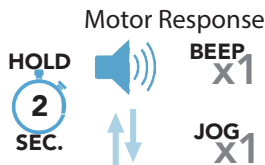JOB NAME

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Pairing controller to motor.
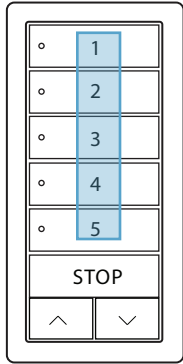
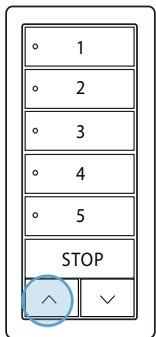| Select channel on controller.	Press & Hold **P1** button on motor head for 1 jog.	Hold **STOP** on controller until the motor responds.
	Motor Response	Motor Response
	HOLD 2 SEC. — BEEP x1 — JOG x1	HOLD 2 SEC. — BEEP x3 — JOG x2
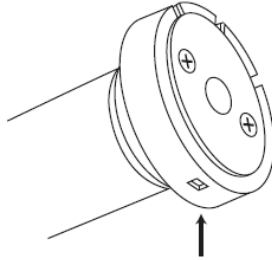
Check Motor Direction

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

Quick Press = Step Movement
Long Press = Continuous Travel

To reverse shade direction, hold both **UP** and **DOWN**.

Motor Response
HOLD 2 SEC. — BEEP x3 — JOG x2
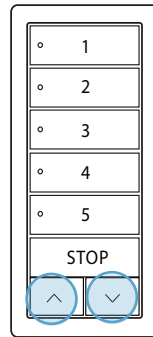
Important!! Damage to shade may occur when operating motor prior to setting limits. Attention should be given.

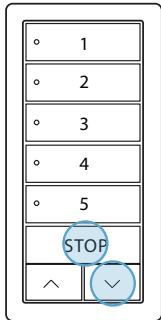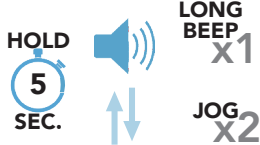Reversing motor direction using this method is only possible during initial set-up.

Setting Lower Limit - move to existing lower limit.

Press & **hold**
DOWN and **STOP**
on controller.

Motor Response

HOLD **5** SEC.

LONG BEEP x1

JOG x2
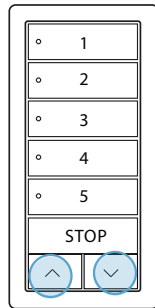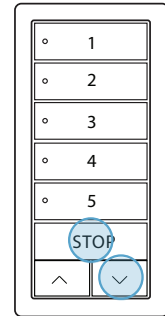
Move shade to the
desired highest position by
pressing the **DOWN** or **UP** button.

Quick Press = Step
Long Press = Continuous Travel

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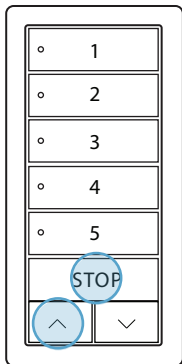limit, press & hold
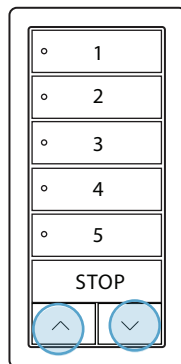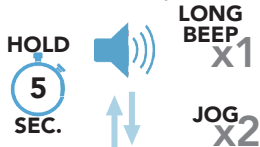**DOWN** and **STOP.**

Motor Response

HOLD **5** SEC.

BEEP x3

JOG x2

Setting Upper Limit - move to existing upper limit.

Press & **hold**
UP and **STOP** together
on controller.

Motor Response

HOLD **5** SEC.

LONG BEEP x1

JOG x2
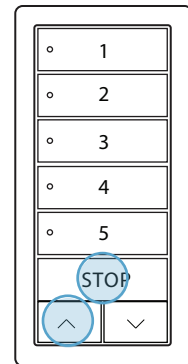
Move shade to the
desired highest position by
pressing the **UP** or **DOWN** button.

Quick Press = Step
Long Press = Continuous Travel

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

Motor Response

HOLD **5** SEC.

BEEP x3

JOG x2

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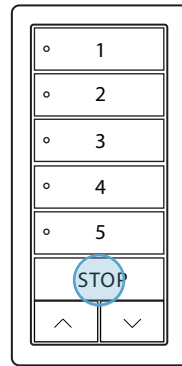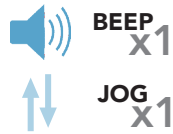
Setting Favorite Position

Move shade to the desired position by pressing the **UP** or **DOWN** button on the controller and stop the shade at the favorite position.
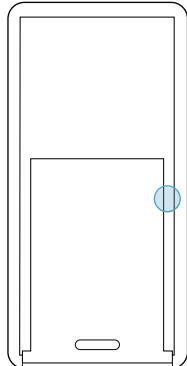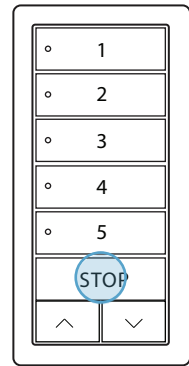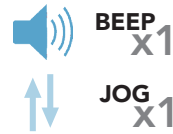
Press **P2** on controller. Using the programming stylus tool (included with shade)

Motor Response

BEEP x1

JOG x1

Press **STOP** on controller.

Motor Response

BEEP x1

JOG x1

Press **STOP** on controller again.

Motor Response

BEEP x3

JOG x2
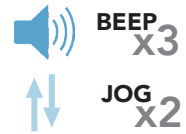
Deleting Favorite Position
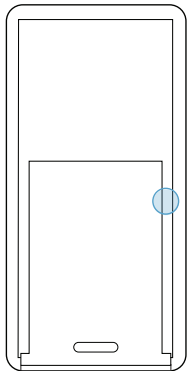
Press **P2** on controller.

Motor Response
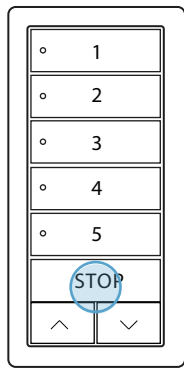
BEEP x1

JOG x1

Press **STOP** on controller.

Motor Response

BEEP x1

JOG x1

Press **STOP** on controller.

Motor Response

BEEP x1

JOG x1
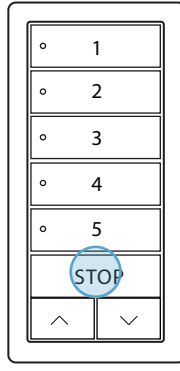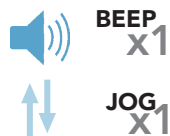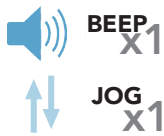
Using Favorite Position

Hold **STOP** on controller.

Motor Response

HOLD 2 SEC.

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Adding & Removing Controllers and Channels

A = Existing controller or channel (to keep)
B = Controller or channel to add or remove

Step 1). Select channel that operates motor on existing controller.

1	
2	
3	Channels 1-5
4	
5	
STOP	

A.

Step 2). Press **P2**.

P2

A.

Motor Response

HOLD
1 SEC.

🔊 **BEEP** x1

↕ **JOG** x1
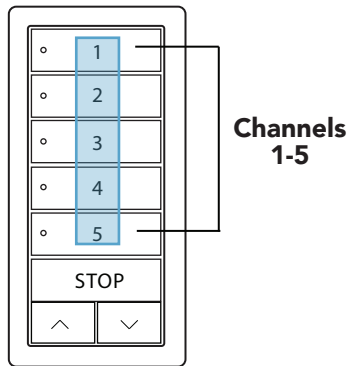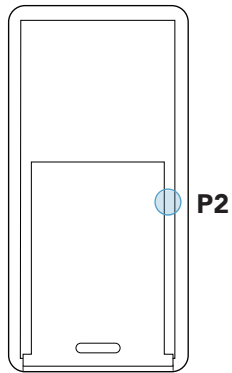
Step 3). Press **P2** on existing controller again.

P2

A.

Motor Response

HOLD
1 SEC.

🔊 **BEEP** x1

↕ **JOG** x1
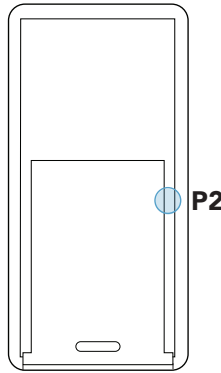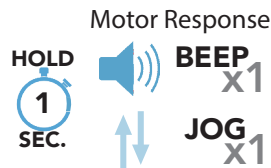
Step 4). Select desired channel on new controller.
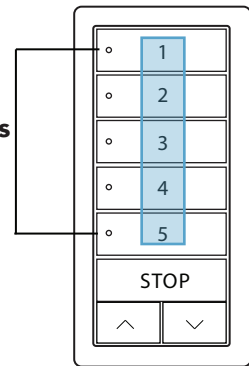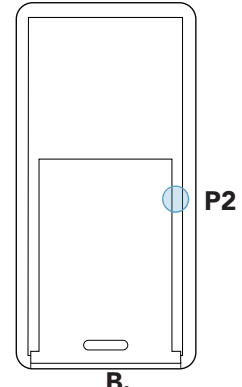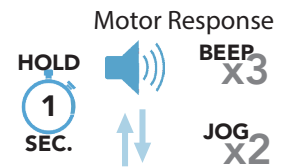
1	
2	
Channels 1-5	3
4	
5	
STOP	

B.

Step 5). Press **P2**.

P2

B.

Motor Response

HOLD
1 SEC.

🔊 **BEEP** x3

↕ **JOG** x2

Increasing Motor Speed- If motor does not react to speed adjustment, the maximum speed has already been reached. There are only 3 speeds: slow, medium and fast.

| Select desired channel on controller. | Press **P2** on controller. | Press **UP** on controller. | Press **UP** on controller again. |

	Motor Response	Motor Response	Motor Response
	BEEP x1	BEEP x1	BEEP x1
	JOG x1	JOG x1	JOG x2
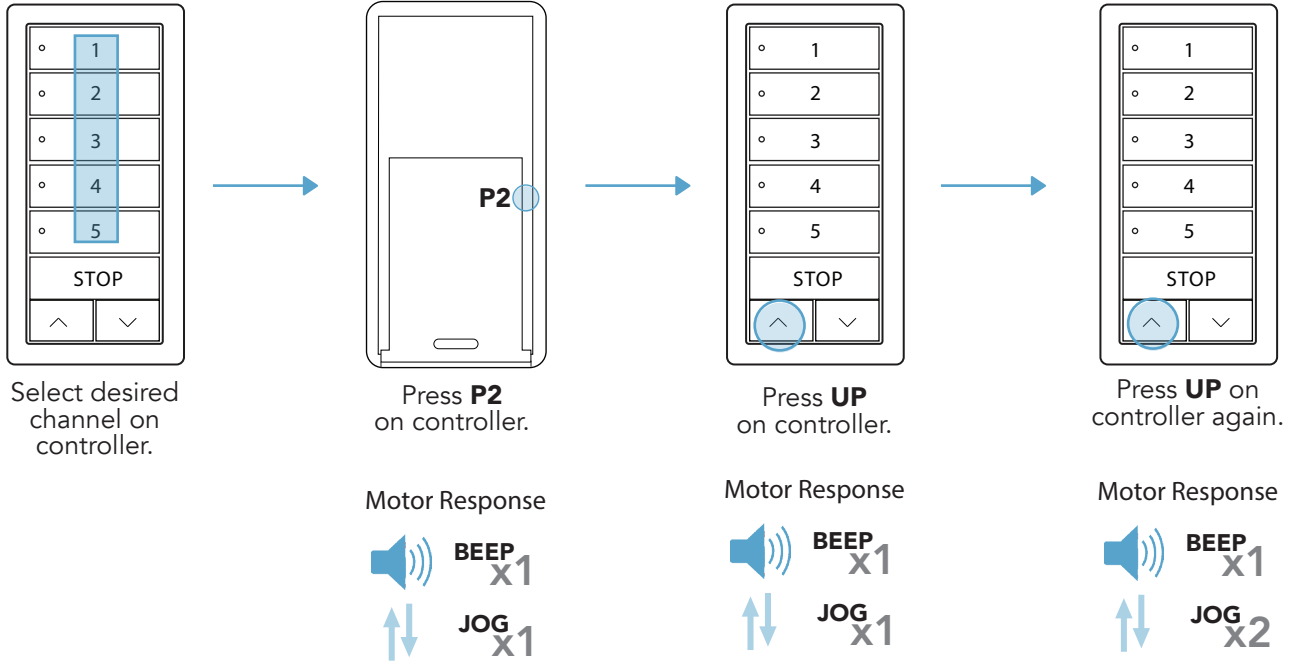
Decreasing Motor Speed - If motor does not react to speed adjustment, the minimum speed has already been reached. There are only 3 speeds: slow, medium and fast.

| Select desired channel on controller. | Press **P2** on controller. | Press **DOWN** on controller. | Press **DOWN** on controller again. |

		Motor Response	Motor Response	Motor Response
		BEEP x1	BEEP x1	BEEP x1
		JOG x1	JOG x1	JOG x2

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Issue	Cause	Solution
Motor is not responding	Switch battery is discharged	Replace battery
	Battery is inserted incorrectly	Check battery polarity
	Radio interference/shielding	Ensure controller is positioned away from metal objects and that aerial on motor or receiver is kept straight and away from metal
	Receiver distance is too far from controller	Move controller to a closer position
	Power failure	Check power supply to motor is connected & active
	Incorrect wiring	Check wiring is connected correctly (refer to motor installation instructions)
	Incorrect motor plug-in wire connection	Check that wiring is connected properly
	Motor still in sleep mode	If motor is in sleep mode (we ship shades in sleep mode to protect shade) press the P1 button on the motor. Shade will move.
Cannot set limits on a single Motor (multiple motors respond)	Using 'group' channels to adjust motor limits	Always reserve an individual channel for programming functions. System Best Practice - Provide an extra Multi-Channel Controller in multi motor projects that provide individual control for each motor for programming purposes.
Motor will not go down after setting the top limit.	Top limit was set using the **DOWN** and **STOP** buttons.	Reset the motor and lower limit. Remember that upper limit is to be set using the **UP** and **STOP** buttons, and the down limit is set using the **DOWN** and **STOP** buttons.

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