

INSTRUCTIONS

ARC REPEATER

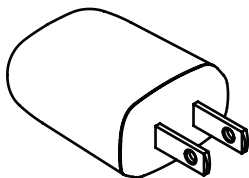
OVERVIEW



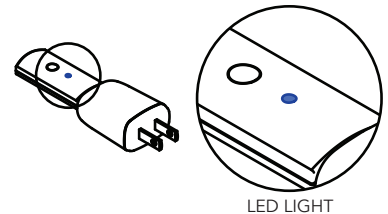
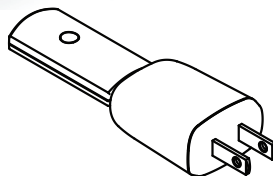
LuXout Wireless Controllers have a range of approximately 30 feet meaning they can control shades generally within 30 feet of the controller. The range extender allows your LuXout Wireless Controller to extend up to 60 feet and can be plugged into any USB wall charger (not included).



ARC™ is a registered trademark of Rollease Acmeda.



*USB power adapter is not included.



LED LIGHT

1). Plug USB power adapter into a power outlet.

2). Plug the USB Repeater into the USB power adapter. A blue LED on the USB Repeater will be visible when the power is switched on.

3). Press any button on a LuXout remote controller. The blue light on the USB Repeater will flash 3 times. This means the USB Repeater is transmitting the signal.

WARNING
Only use the provided USB power adapters with USB Repeater. Using other power adapters/power sources may adversely affect USB Repeater performance and should be avoided.

NOTE
USB Repeater is plug and play. No setup required.

IMPORTANT
Maximum of 2 USB Repeaters can be used in one project. Don't cover the USB Repeater with a metal shield.



SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
JOB NUMBER			



INSTRUCTIONS

LUXOUT SUN SENSOR PROGRAMMING

Overview



About The Controller

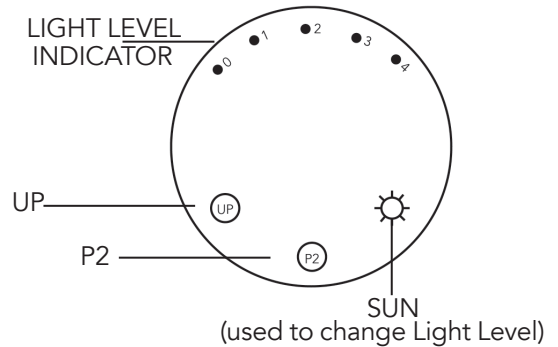
For indoor or outdoor shades, the Sun Sensor can automatically close your shades to help control sun glare, protect your interior from UV damage, and assist to keep your home cool.

Features:

- Discreet device easily mounts to the inside of your window with an adhesive strip.
- Choice of 4 pre-set light sensitivity thresholds. Shades will lower when sunlight intensity goes above the selected level.
- 3 Modes of operation:
 - Mode 1: Close
 - Mode 2: Open/Close
 - Mode 3: Shade Detect
- Low battery warning.

Package Contents:

- Sun Sensor (1)
- Instruction manual (1)
- 3V - CR2032 battery (installed) (1)



TECHNICAL SPECIFICATIONS	
Voltage	3V (CR2032)
Standby Current	SuA
Frequency	433.92 MHz
Transmitting Power	10 milliwatt
Ambient Operating Temperature	-10°C - 50°C
Light Intensity Level Range	15 - 75 Klux
Transmission Range	up to 75 feet



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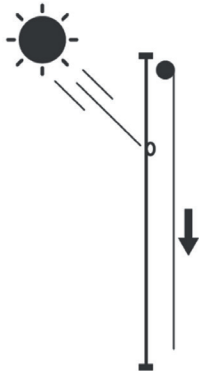
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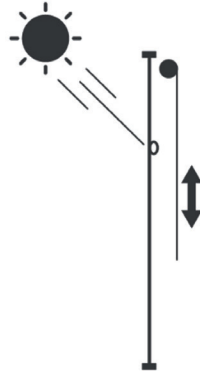
LUXOUT SUN SENSOR PROGRAMMING

Modes



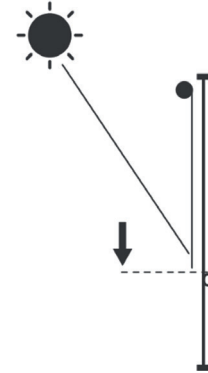
Mode 1 (Default)

- Close Mode.
- Pre-set light level reached.
- Light level stays above pre-set for 2 minutes.
- Shade goes down.
- Shade stays down.



Mode 2

- Open/Close Mode.
- Pre-set light level reached.
- Light level stays above pre-set for 2 minutes.
- Shade goes down.
- If light is less than the set level for more than 15 minutes shade goes back up.



Mode 3

- (exterior shades only)
- Shade Detect Mode.
- Pre-set light level reached.
- Light level stays above pre-set for 2 minutes.
- Shade goes down until sensor is covered.
- Shade goes up until sensor is uncovered.
- If light is less than the set level for more than 15 minutes shade goes back up.

View and Change Sensor Mode

To view the current mode, press the **SUN** button for one second.

- 1 blink indicates mode 1
- 2 blinks indicate mode 2
- 3 blinks indicate mode 3

To change the mode:

Hold the **SUN** button until the LED blinks 5 times. The mode has now shifted up by one. (E.g. Mode 2 has changed to Mode 3)

Light Levels of Light Intensity Values

- 0 Level** Not Operational
- 1 Level** 15kLUX
- 2 Level** 30kLUX
- 3 Level** 45kLUX
- 4 Level** 60kLUX

TO CHANGE LIGHT LEVEL SETTING: Press the **SUN** key repeatedly until the desired light level flashes.



SPECIFICATION SUBMITTAL

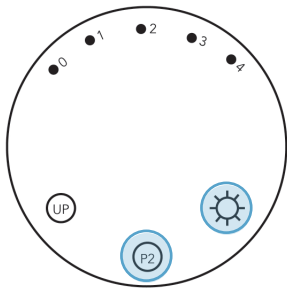
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INSTRUCTIONS

LUXOUT SUN SENSOR PROGRAMMING

Light Intensity Detection

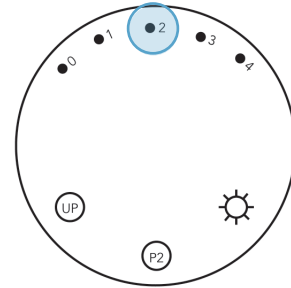


Press the **SUN** and **P2** buttons for one second

Hold the sensor toward the light.

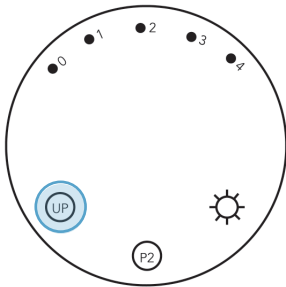
Response:
The unit will indicate light level

Low Battery Notification



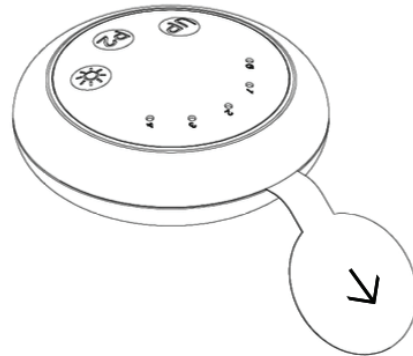
When the battery needs changing, the currently selected light level LED will blink every 2 minutes.

Up Button



The up button can be used to manually override the sensor and tell the shade to go up.

Sensor Battery



Pull battery tab out to activate for first use.

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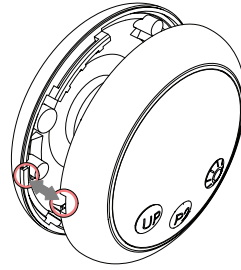
LUXOUT SUN SENSOR PROGRAMMING

Mounting

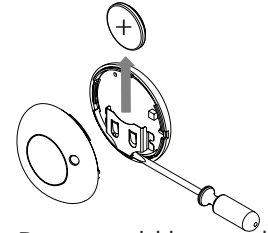


1. Ensure surface on glass is clean and free of dust.
2. Peel clear plastic off the back of sensor to reveal adhesive.
3. Find desired position on glass for the sensor and press adhesive side to glass.

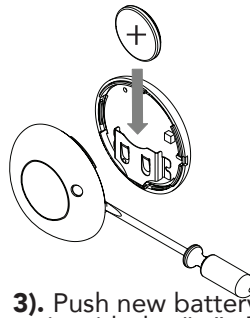
Replacing Battery



1). Pry open using flat head screw driver where notches meet on the sensor.



2). Remove old battery by pressing up from under the battery's position.

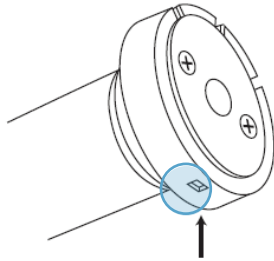


3). Push new battery in with the "+" facing outwards.

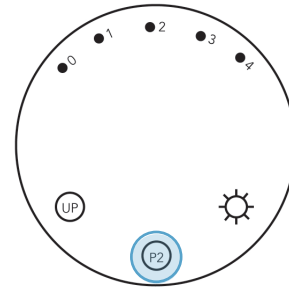
4). Replace cover by aligning notches and press together.

Adding/Removing Sensor & Creating Group Control

Pairing Motor To The Sun Sensor



Hold **P1** button on motor head.



Hold **P2** on sensor to add or remove.

Motor Response

HOLD **BEEP** x1

1 **JOG** x1

1 SEC.

Motor Response

HOLD **BEEP** x3

2 **JOG** x2

2 SEC.

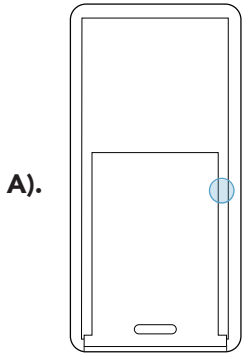
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INSTRUCTIONS

LUXOUT SUN SENSOR PROGRAMMING

Using A Pre-Existing Controller To Add Shades

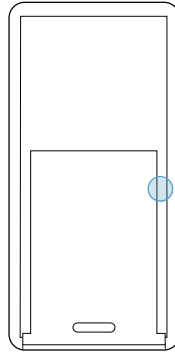
A = Existing controller or channel (to keep)
B = Controller or channel to add or remove.



A).

Press **P2** on existing controller.

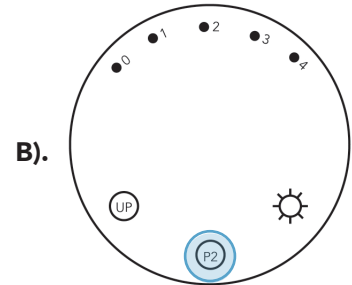
Motor Response



A).

Press **P2** on existing controller.

Motor Response



B).

Press **P2** on new sensor.

Motor Response



Consult user manual for your controller or sensor.

Troubleshooting

Issue	Cause	Solution
Motor is not responding	Sensor 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
	Sensor distance is too far from motor	Move sensor to a closer position
	Power failure	Check power supply to motor is connected & active
	Incorrect motor plug-in wire connection	Put motors that do not need adjustment into sleep mode. Recharge motor by pressing the P1 button until you get 2 jogs. If a plug-in motor, unplug motors not needing adjustment. Then adjust limits per section.



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INSTRUCTIONS

LUXOUT SUN SENSOR

PROGRAMMING

Safety & FCC Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE
WARNING: Important safety instructions to be read before installation and use.

WARNING: Important safety instructions to be read before installation and use. Incorrect installation or use can lead to serious injury and will void manufacturer's liability and warranty. It is important for the safety of persons to follow the enclosed instructions.

- Do not expose to water, moisture, humid and damp environments or extreme temperatures.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- Follow installation instructions.
- For use with motorized shading devices.
- Keep away from children.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep clear when in operation.
- Replace battery with correctly specified type.

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

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Do not dispose of in general waste
 Please recycle batteries and damaged electrical products appropriately



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