



Outdoor **LED** Lighting **SOL**utions

Operating Manual

Color Changing Lighting

Includes Models:

SOLCC2
SOLCC6
SOLCCLR
SOLCCMX3
SOLCCEXT



Introduction

Thank you for purchasing Color Changing SOL Lighting. Atlantic's SOL lighting features solid brass bodies with an oil-rubbed bronze finish. These LEDs create a vibrant nighttime atmosphere with 48 different colors and 16 different pre-programed color changing combinations. Multiple LEDs can be connected to be run through one transformer and be controlled by one remote.

Prior to Operation and Installation

Caution:

- DO NOT operate this product under any condition other than those for which it is specified. Failure to observe these precautions can lead to electrical shock, product failure, or other problems.
- Follow all aspects of electrical codes when installing SOL Lighting.
- To reduce the risk of electrical shock, connect only to a 110 volt receptacle protected by a ground fault circuit interrupter (GFCI).
- The input power to the Color Changing Control Module is 12 volt AC. The Control Module can be connected to a larger outdoor lighting transformer; however this must be done on the 12 volt AC input side of Control Module. Removing the Control Module or tampering with the cord between the Control Module and the light fixture will damage the LEDs and void warranty.
- The Control Module is weather resistant with an IP54 rating. Do not submerge the Control Module or expose it to heavy rainfall. It must be mounted off the ground close to the power source. Failure to do so will void the warranty.

Installation

Fixture Installation

SOL Color Changing Spotlights offer three different mounting options for your convenience:

- **Adjustable stand:** for placement on rock ledges, under waterfalls or for highlighting streambeds
- **Ground stake:** for installation around the perimeter of the water feature or in conventional landscape installations
- **Nested:** without the stand or stake, amongst the pond stones

SOL Color Changing Light Ring is ideal for illuminating fountains and up lighting waterfalls.

- Proper light placement is important for every project. Whenever possible lights should be positioned facing away from the viewing area to minimize hot spots.

Troubleshooting Guide

Always turn off power before inspecting the Color Changing Fountains. Failure to observe this precaution can result in a serious accident.

Before ordering repairs, carefully read through this instruction booklet. If the problem persists, contact your dealer.

Problem	Possible Cause	Possible Solution
Remote is not working (no indicator light)	No batteries / batteries dead	Put in new batteries.
Remote is not working (indicator light is on)	Remote is not synced with Control Module	Refer to synchronizing the remote instructions on page 5.
LED light will not illuminate	No power to outlet	Confirm power to outlet.
	No Power to LED	Check all connections, ensure cord is not cut or damaged.
	LED is broken / defective	Replace LED bulb
LED color differs from remote control	Improper connection between LED light and control module	Inspect connection / align arrow on plugs
	Controller failure	Contact Dealer for repair / replacement
Multiple lights display different colors when connected to the same splitter	Improper connection between LED light and 3-way splitter	Inspect connection / align arrow on plugs
	Controller failure	Contact Dealer for repair / replacement

Operation

Technical Data (Control Module)

Working Temperature:
0°F -140°F (-20°C - 60°C)

Output: 3 circuits (R/G/B)

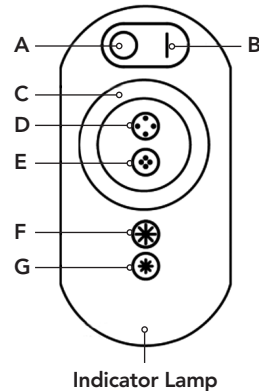
Input Power: AC12V

Output Power: DC12V

Output Current: 5A /circuit

Remote Control Functions

A	On/Off Button Touch for one second to turn on or off.
B	Mode Selection Touch to switch between Color Wheel and Preset Light Changing Mode
C	Color Wheel
D	Preset Light Changing Mode Selection (Forward)
E	Preset Light Changing Mode Selection (Backward)
F	Brightness / Speed (Up)
G	Brightness / Speed (Down)



Preset Light Changing Modes

1	Solid Crystal White	10	7 color jump change
2	Continuous full spectrum fade change	11	Red-Green-Blue dimmer change
3	Solid Red	12	7 color dimmer change
4	Solid Green	13	7 color dimmer then 7 color jump change
5	Solid Blue	14	Flashing Red
6	Solid Aqua	15	Flashing Green
7	Solid Purple	16	Flashing Blue
8	Solid Yellow	17	Flashing Red and Blue
9	Red-Green-Blue jump change		

Mode Selection

- To switch to the Color Wheel: hold the B button for three seconds or until the light changes to Crystal White. Hold down the B button again, and the light will return to the last color displayed while in the Color Wheel mode. Run your finger around the color wheel to select a new color.

- To switch to the Preset Light Changing Modes: hold the B button for three seconds or until the light changes to Crystal White. Press the D button, and the light will return to the last preset mode displayed while in the Light Changing Modes. Press the D and E button to switch between the different preset modes.

Changing the Brightness and Speed

In Modes 1-8 and 14-16, you can use the F and G keys to change the brightness of the light. In Modes 9-13 and 17, you can use the F and G keys to change the speed of the light transitions. There are 8 levels for each.

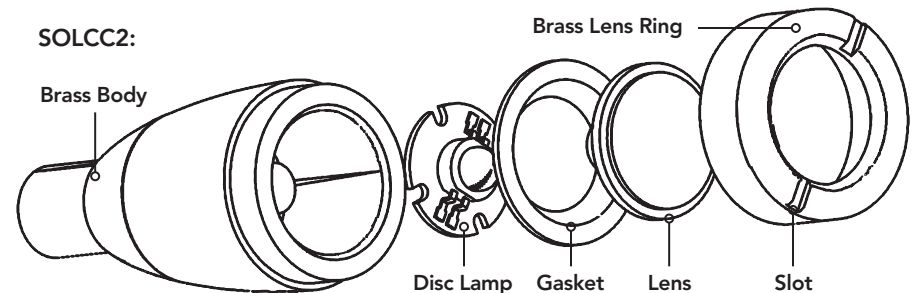
Synchronizing the Remote to the Control Unit

If the remote control stops working properly, please install fresh batteries. If problems persist, the remote may need to be re-synced to the control module. Follow the instructions below to re-sync the remote control.

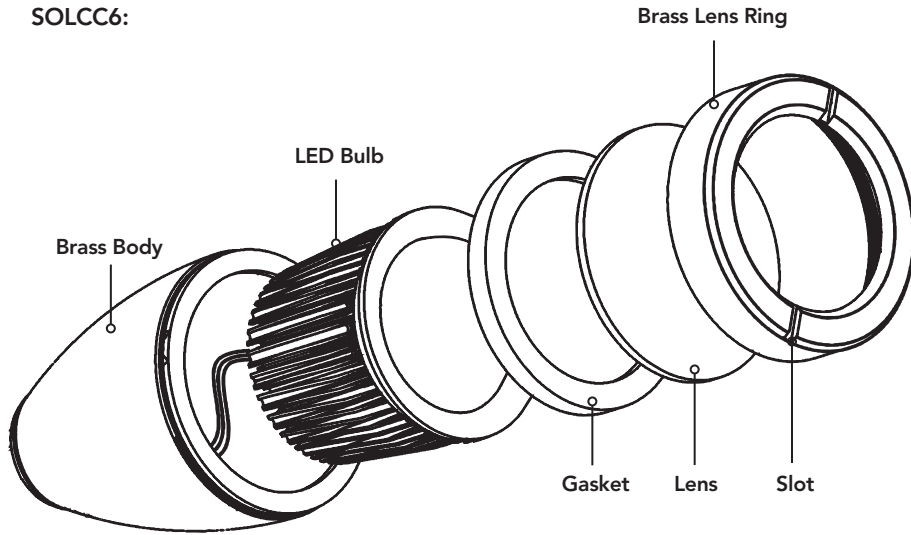
- Unplug the transformer .
- Hold the F button down (The red indicator lamp on the remote will be blinking).
- While still holding the F button down, plug in the transformer. The Colorfalls will start blinking.
 - If the light ring blinks three times and stops, the remote and control unit are synchronized.
 - If the light ring blinks six or more times, it is clearing all codes. Repeat steps 1-3.

Maintenance

Replacement LED Bulbs are available for SOL Color Changing Spotlights and Compact Spotlights. To loosen and tighten the brass lens ring on SOL Color Changing Spotlights and Compact Spotlights, use the included key. Simply place the key in the slots on the brass lens ring to loosen or tighten. Ensure that all components are installed correctly after servicing. Inspect the silicone gaskets for defects and proper placement before re-assembling. Ensure that the lens ring is tightly secured before submersing the fixture.



SOLCC6:



Warranty

All SOL Lighting carries a one-year limited warranty. This limited warranty is extended solely to the original purchaser commencing from the date of the original purchase receipt and is void if any of the following apply:

- The cord has been cut or altered between the light body and the Control Module.
- The light body / LED components have been misused or abused.
- The light body / LED components have been disassembled or modified other than as described in this manual.
- The Control Module and/or Remote Control have not been adequately protected from moisture.

- When camouflaging the light cord with rocks and gravel, always leave enough slack in the cord so that the fixture can be raised above water level for servicing.
- Always verify that the lens cover is tightly secured before submersing the fixture.
- Never cut or shorten the light cord between the Control Module and the light fixture. Altering the Light Cord will damage the LEDs and void warranty.
- 6 wire extension cords (part # SOLCCEXT) are available to add an additional 20' of cord to any SOL Color Changing Light. Only one cord can be used on each light. Never connect multiple extension cords together.

SOLCCMX3 Control Module Installation

- The Control Module is weather resistant with an IP54 rating. Do not submerge it or expose it to heavy rainfall. It must be mounted off the ground close to the power source. Failure to do so will void the warranty.
- Ensure that all cable connections are secure.
- Install the control box in a well-ventilated area to ensure that the module operates within its specified working temperature.
- Verify that the control module input voltage is 12 volt AC. We recommend that you use the transformer provided with this unit.
- Do not connect the power before the cord connections are finished.
- Do not cut or alter the cord between the SOL Light and the Control Module.
- The remote control requires three (3) AAA batteries (not included).

Connecting the Lights

Follow the connecting chart below to connect all cables. The SOLCCMX3 Control Module and 3-way splitter will accept any combination of Color Changing SOL Light styles. If more lights are required, multiple splitters can be connected together to create more outlet connections. A larger transformer (80 watts maximum) is required if additional lights are installed.

