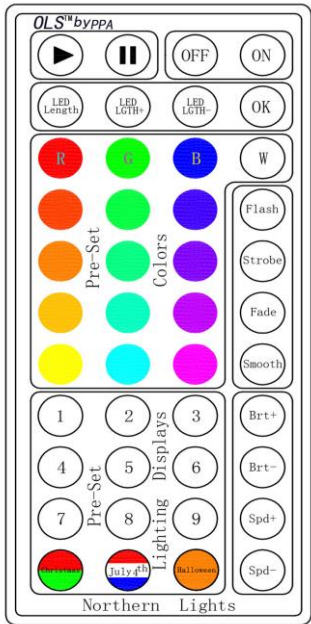


RGB Remote Control
 (Remote is infrared, meaning “line-of-sight”)
 Model: OLSNLSK1



- Push the ON button to turn the unit on and the OFF button to turn the unit off.
- **To Operate:**
 - Play / Pause the lighting scheme using the buttons in the top left
 - Change the LED Length using the LED LGTH+ / LED LGTH- ***
 - 16 colored buttons to change the LED color
 - 12 pre-set lighting effects to change the lighting pattern
 - 3 pre-set holiday colors (Christmas red-green / July 4th red-white-blue / Halloween orange)
 - 4 display buttons – Multi-Color Flash, Single Color Strobe, Multi-Color Fade, and Multi-Color Smooth
 - Brt+ / Brt- buttons change lighting brightness for the pre-set and colored buttons
 - Spd+ / Spd- buttons speed up or slow down the pre-set and colored buttons

*** Check the “The LED Length Function” Section for more details.

• **RGB Preset Lighting Effects:**

- Button 1 – 7 Color Chase – End to Beginning
- Button 2 – 7 Color Chase – Beginning to End
- Button 3 – 7 Color Chase – Center to End & Beginning
- Button 4 – 7 Color Chase – End & Beginning to Center
- Button 5 – Multi-Color Chase – End to Beginning
- Button 6 – Multi-Color Chase – Beginning to End
- Button 7 – Multi-Color Chase Fade – End to Beginning
- Button 8 – Multi-Color Chase Fade – Beginning to End
- Button 9 – Multi-Color Chase – Center to End & Beginning
- Button 10 – Red and Green – Christmas
- Button 11 – Red, White, and Blue – 4th of July
- Button 12 – Orange Flash – Halloween

One Year Limited Warranty: *Warning: Choking Hazard. Not for use by children under 3 years of age*

PPA International, Incorporated warrants that this product is free of defects in materials or workmanship for one year. Warranty does not include: damage resulting from accidents, misuse, or cutting of LED strip. If this product should be defective, manufacturer will replace free of charge provided it is sent with proof of purchase (copy of original receipt), prepaid freight to PPA International, Incorporated. Warranty is in lieu of all other warranties expressed or implied, including the warranties of merchantability of fitness for a particular purpose, whether arising by law, custom of conduct. The rights and remedies provided under warranty are exclusive and in lieu of any other rights or remedies. In no way shall PPA International, Incorporated be liable for consequential damages.

OLS™

Omni Lighting Systems™
 Northern Lights Multi-Color Lighting Kit

User Manual

Model: OLSNLSK1
Item: 9956

PPA Int'l™

INSTALLATION AND SAFETY INSTRUCTIONS

Warnings:

- **Install as instructed.**
 - Read all instructions carefully before installation and do not discard instructions.
 - Careful installation will ensure prolonged life. Repeated installations may shorten the life of this product.
- When used outside, keep dry and out of direct sunlight to prolong the life of the LED strips.
- Carefully select where you are going to apply LED light strips, because:
 - Tape may leave residue when removed.
 - Tape may pull paint or varnish from wall or cabinets.
- Do not excessively bend or fold the light strip.
- Do not exceed 36 feet per controller or power source.
- Do not look directly at the lights.



Risk of Fire: Do not install near open flames or other sources of heat (ex: candles, above stoves/ovens, or near water heaters).



Risk of Shock: Do not install near bath tubs, sinks, or other sources of water.

Kit Contents:

- Two 8 ft. Multi-Color LED Strips
- One 4 ft. Extension Cable
- One AC Adapter
- One Northern Lights Series Advance Controller
- One Infrared Remote
- One User Manual

The LED Length Function:

- In order to change the length of the lights, **the strip(s) must be turned OFF before pressing the LED Length button.**
 - After pressing the LED Length button, the first 9 LED lights in the LED light strip that is attached to the controller will have **3 sections of colors:** 3 LED lights will turn **red**, 3 LED lights will turn **green**, and 3 LED lights will turn **blue** (The rest of the strip will be **green** in this mode).
- The LGTH+ / LGTH- buttons **increase / decrease the LED length by three (3) LED lights with each press.**
- The controller keeps the LED Length that is set stored in its memory, and will operate under that setting.
 - **For example:** If you have two connected LED light strips that **each have 30 LED lights** with the LED length set to that length, when you remove a strip and still wish to shorten the LED length, you must press the LGTH- button **10 times** (each press decreases the length by 3 lights x 10 presses = 30) to account for the missing strip before you will notice a change.

Installation:

- Step 1** - **Choose an area where you would like to install additional lighting.**
 - Easy access to a standard power outlet (110v) is required.
 - Before installation, ensure total length of power cords from outlet to lighting is sufficient.
 - Infrared remote will **ONLY** work if the controller is within the line-of-sight of the remote control.
- Step 2** - **To ensure that the tape will be affixed properly, thoroughly clean the area where light strips and controller will be placed. Assure that the area is dry.**

- The tape will not affix to areas covered with dust, oil, wax, or similar substances.
- Smooth, hard surfaces are recommended.

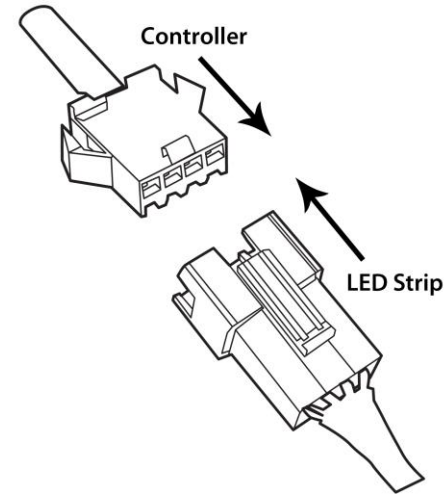
Step 3 - **With the LED units edge to edge, connect two (2) strips together.**

- Fully attaching each strip until it clicks into place will ensure a proper connection.

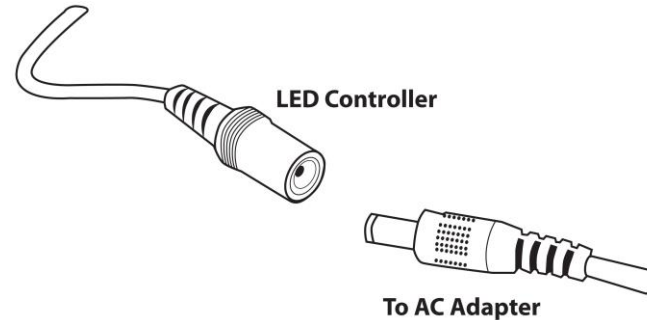
Step 4 - **Press the LED strip tape into the desired area.**

- Be careful not to touch the strip tape, as it will lessen the tape's ability to stick and hold the strips in place.

Step 5 - **Connect the controller to the LED strip (as pictured below).**



Step 6 - **Connect the AC power adapter to controller (as pictured below).**



Step 7 - **Plug the AC adapter into a wall outlet.**

Step 8 - **You are ready to go! Use the infrared remote to change the lighting colors and color schemes as desired.**

Trouble Shooting:

If LED Lights are not functioning as expected:

- Check the connections of the AC adapter and controller to assure that they are attached properly.
- Assure LED strip(s) are properly snapped in place and are connected properly.
- Assure that the plastic battery protector has been removed from the remote.
- Assure that the remote control is pointed at the controller's sensor.

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