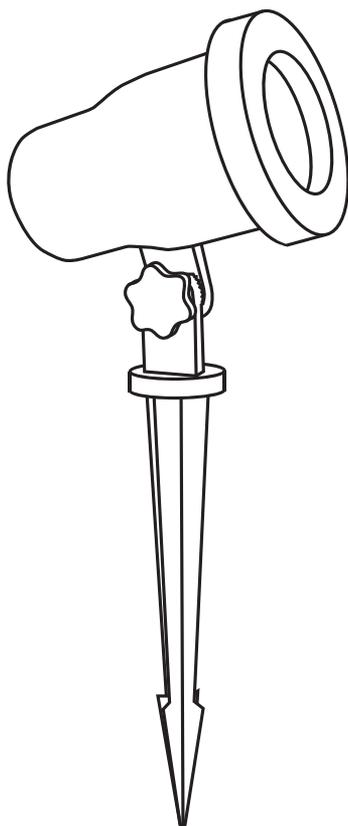


Celebration Series

Interchangeable Pattern Tips

Instructions

LL03-RGTIPS



LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS IIIa LASER PRODUCT
Diode Laser
Max Output < 5mW
Wavelength 532nm-660nm

**ONLY USE SUPPLIED
TRANSFORMER**

IMPORTANT SAFEGUARDS

To reduce the risk of fire, electric shock, or injury when using any electric appliance, precautions should be made. These precautions include but are not limited to:

Read all instructions.

CAUTION! — Use only as directed. Improper use may result in damage to the eyes due to direct exposure to laser radiation.

This product has a polarized plug to reduce the risk of electric shock. It will therefore only fit into a polarized outlet one way. If the plug does not fit, reverse the plug. If it still does not fit, contact a qualified electrician. Do not use with an extension cord unless the plug can be fully inserted. Do not alter the plug.

This unit is certified as a Class IIIa laser product by the US Federal Laser Product Performance Standard (FLPPS) according to regulations in 21 CFR Subchapter J. Class IIIa laser products can be hazardous when directly viewed.

Avoid looking directly into Class IIIa lasers. This product, as well as other demonstration laser products like some laser pointers, are classified as Class IIIa laser energy levels. This product uses diffractive optics to scatter the beam of energy. This scattering effect causes the energy concentration to drop below the exposure limits for momentary or accidental viewing at a relatively short distance for the laser aperture. As with all bright light sources, when you operate this device in public areas it is recommended that up-close access to the light be restricted.

While the Class IIIa laser in this device may be hazardous on its own, it is encased in a protective housing and uses diffractive holographic optics, therefore the laser radiation is not directly exposed to during operation or maintenance. Each individual laser beam is less than 5mW, which is about the same as an average laser pointer.

DO NOT attempt to open the protective housing or operate the device if the aperture windows are damaged. If the unit requires service that involves removing the protective housing, contact the manufacturer. Opening the protective housing voids the warranty.

Use only three-wire outdoor extension cords that have three-prong grounding plugs, plugged into grounded outlets. Acceptable extension cord types:

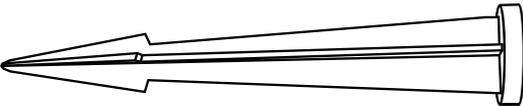
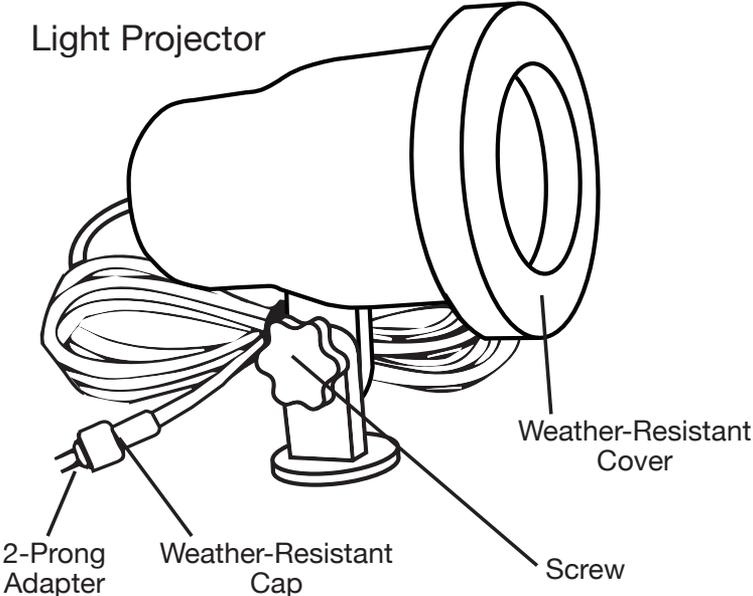
SW, SW-A, SOW, SOW-A, STW, STW-A, STOW, STOW-A, SJW,
SJW-A, SJOW, SJOW-A, SJTW, SJTW-A, SJTOW, SJTOW-A

Ground Fault Circuit Interrupter (GFCI) protection is to be provided on the circuit(s) or outlet(s) to be used while operating portable laser light in a wet location. Receptacles with built-in GFCI protection are available for this purpose.

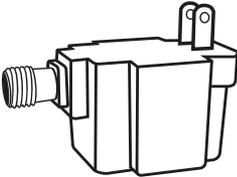
SAVE THESE INSTRUCTIONS

Before You Begin

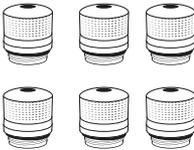
Carefully unpack package contents to make sure all parts are present. Some assembly is required.



Ground Stake



Power Supply Transformer



Pattern Tips



Remote

Assembly

Screw the stake into the bottom of the light projector clockwise until tight (fig. 1). Plug the 2-prong adapter into the power supply transformer. Screw on the weather-resistant cap tightly to help protect the connection from weather.

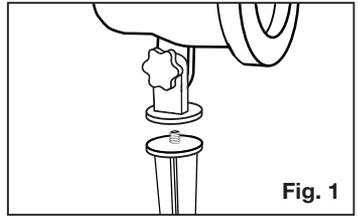


Fig. 1

Installing Pattern Tips

Remove the weather-resistant cover from the laser light by twisting it off counterclockwise (fig. 2). If there are tips already installed, remove them by unscrewing counterclockwise. Be sure to grip the bottom portion of the tip to screw and unscrew, as the top portion turns independently of the bottom portion (fig. 3).

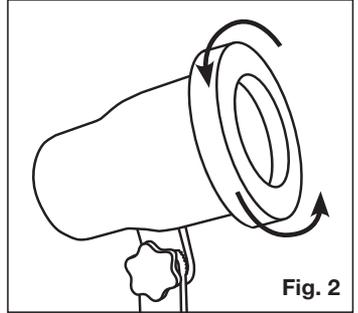


Fig. 2

To install the tips, screw clockwise into the light projector (fig. 4).

NEVER look directly into the lasers. It can be useful to adjust the tips with the laser light powered on. If you choose to do this, take caution not to point the light at yourself or others.

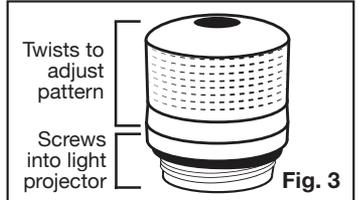


Fig. 3

To turn on the laser, plug into a wall outlet and choose laser color either by using the remote (see **Remote**) or by pressing the button on the back of the light projector. Adjust the laser pattern by twisting the top portion of the pattern tip (fig. 3). This has the most dramatic effect on the dots pattern, which can range from a pattern of diamond-shaped clusters to a starry sky pattern.

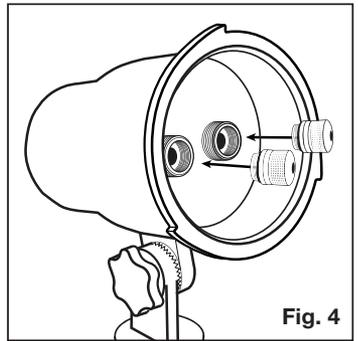


Fig. 4

Replace the weather-resistant cover by twisting it on clockwise.

Positioning Light

Insert stake into the ground, about 10 feet from the projection surface (see fig. 5). After the laser light is turned on, you may find that the distance needs to be adjusted.

Position the projection light by loosening the adjustment screw, adjusting the angle, and tightening the screw (fig. 1).

Do not point laser light toward oncoming pedestrians, vehicles, or traffic routes on land, sea, or air.

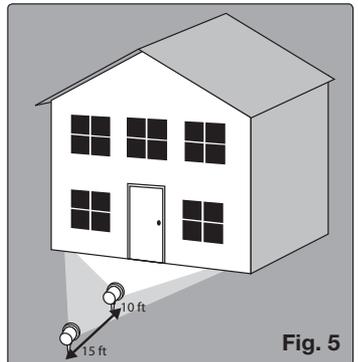


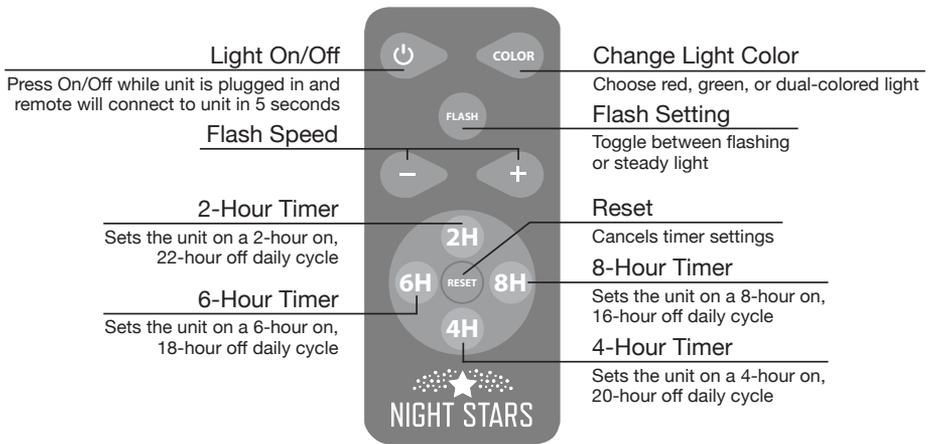
Fig. 5

Selection Button

Use the button on the back of the light projector to toggle between red light, green light, combo light, or off settings.

Remote Control

Use hand-held or mounted to a surface. The remote can control the light from up to 11 yards away. Pull the strip from the battery compartment on the back of the remote. To test the remote's battery connection, press any button and the LED will illuminate for 1 second. If the LED does not illuminate, open the battery compartment to make sure battery is properly installed.



IF REMOTE IS NOT CONTROLLING THE NIGHT STARS LASER while you are within remote control range of the laser, and the remote LED comes on when you press the buttons, your remote may not be synced with the laser light. In this case, follow these syncing instructions:

Syncing the Remote: Remove the battery from the remote, then reinstall battery. This resets the remote. Unplug the laser unit from the power source for 1 minute. With your remote ready (battery installed) and making sure you are within range of the laser, plug in laser power supply adapter to power source. **Within 5 seconds AFTER plugging the laser in, press the ON/OFF button on your remote to sync it with the laser.** DO NOT press the ON/OFF button at the same time you plug in, it must be done within 5 seconds AFTER plugging in. Occasionally, re-syncing the remote with the laser may be necessary. In this case, repeat the steps above. To sync two or more lights to the same remote, unplug them all, then plug them back in at the same time, and AFTER plugging them in press the ON/OFF button within 5 seconds. Remove remote battery before long-term storage.

Notes

- Only use supplied transformer connected to a properly grounded outdoor outlet.
- Do not use with dimmers.
- Operate in temperatures of -4°F to 86°F. There may be a slight delay if operating below 55°F. Please allow up to 10 minutes for light to warm up and reach its full projection. Green laser startup time may take up to 30 minutes in temperatures below 14°F.
- When hanging the laser light, for safety purposes it is recommended to mount using a sturdy hanging clamp and safety cable.

Product Specifications

Laser Classification	Class IIIa
Maximum Laser Power	(Single beam) Less than 5mW
Laser Wavelength	Green: 532nm / Red: 660nm
Laser MTBF	More than 5000 hours
Power Consumption	Up to 5 watts
Power Input	120VAC (when used with supplied transformer)
Operation	Indoor / Outdoor
Operating Temperature	-4°F to 86°F
Projection Coverage	25 ft. x 25 ft.
Maintenance	Maintenance free — no user serviceable parts
Remote Battery	23A (L1028), included
Warranty	Limited 1-year warranty

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Read Instructions
Before Operating

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DO NOT DISPOSE OF BATTERIES IN FIRE. ALWAYS DISPOSE OF BATTERIES PER LOCAL & FEDERAL GUIDELINES



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