



CAUTION
LASER RADIATION
AVOID DIRECT EYE EXPOSURE

Max Output < 2.5mW
 WAVELENGTH: 632nm - 650nm
 Class IIIa LASER PRODUCT

This device complies with 21 CFR chapter I, Subchapter J, CFR1040.10 and 1040.11

Not a Toy. Keep out of reach of pets & children.

USER MANUAL

THANKS FOR PURCHASING YOUR STAR NIGHT LASER.

Please read this manual carefully before operating the system. It provides general information for your safety and optimal performance. The Star Night Laser is for outdoor and indoor use and its enclosure is IP-65 weather resistant rated.

NO LASERS SHOULD BE POINTED TO THE SKY WITHIN 10 NAUTICAL MILES OF AN AIRPORT. CHECK WITH LOCAL AIRPORTS OR COUNTY GUIDELINES FOR FURTHER INFORMATION.

This unit is the "Dancers" model of the Star Night Laser collection. Be prepared to be amazed by the thousands of red and green laser lights that the unit will project, and choose from 1 of the 7 programs. Your Star Night Laser will project motion as well as a "freeze frame" of the red and green laser points.

The Star Night Laser can be used as landscape or home accent lighting. Project your Star Night Laser into trees or directly onto your home's exterior. The Star Night Laser will project over 1000 laser dots!

CAUTION & WARNINGS:

- Please read through the instruction manual before use.
- DO NOT use the product if damaged. Laser unit, cords, timer, adapter and plugs must not be damaged in any way prior to use.
- This product is not a toy. Please keep this unit out of the reach of children and pets.
- Close supervision is necessary when this product is used by invalids, or disabled persons, or near children.
- Star Night Laser is a CLASS IIIa laser product. Do not stare into the beam of Class IIIa laser products or view directly with optical instruments.
- Keep at least **approximately 2** feet distance between the light and flammable materials.
- Ingress protection: Enclosure is IP-65 weather resistant rated. DO NOT submerge in water. Rainy day use is acceptable.
- Power off before installation or maintenance.
- Use this product only for the intended use as described in these instructions. Disconnect this product from power immediately in case of malfunction.
- Voltage ranges from 100V to 120V. Suggestion: use regulator to prolong the lifetime of the laser lighting.
- DO NOT open unit.
- Avoid direct eye exposure.

* Directly viewing a Class IIIa laser can be hazardous according to US Federal Laser Product Performance Standard (FLPPS) regulations in 21 CFR chapter I, Subchapter J, CFR1040.10 and 1040.11



FEATURES:

- Red and Green laser colors
- One button operation
- 7 programs to choose from
 - 1 Red & Green Motion
 - 2 Static Red & Green
 - 3 Green Motion
 - 4 Static Green
 - 5 Red Motion
 - 6 Static Red
 - 7 All Combinations - changes every 10 sec.
- Photo Cell operation
- 6 hour on timer, automatically turns off for longer laser life
- IP 65 water resistant
- Stake or Floor Mount
- Direct plug in cord, 120v Ac
- ETL approved
- Operating Temp: -22°F to 86°F (-30°C to 30°C)
- Laser Life up to 5000 hrs
- Laser Class IIIa

CONTENTS:

Check the contents of the package and refer to the following list:

- 1 Star Night Laser unit with power cord.
Photo sensor for automatic night activation and 6 hour shutoff timer.
- 1 Stake mounting system.
- 1 Floor mount base.
- 1 Instruction manual.



ASSEMBLY:

1. Remove contents from protective packaging. Save packaging for storage.
2. Check the contents of the package for damage. Do not plug the unit into an outlet if there is damage to the laser, cords, or timer.

STAKE ASSEMBLY:

1. Connect the ground spike by inserting into shaft of laser unit.
2. For floor mount, remove stake and insert the floor base.



INSTALLATION:

1. Insert the Star Night Laser unit and stake into the ground facing the area to be illuminated.
2. Adjust the projection angle of the laser by adjusting the side screw. Loosen screw, adjust, and then tighten screw. This will adjust the vertical direction (up and down) of the laser projection.
3. Unit can be adjusted in the horizontal direction (side to side) by rotating the unit, while keeping the spike set.
4. Connect the power cord into a 120v/60hz power outlet or extension cord.
5. Laser will automatically turn off when time ends.

WARNING - DO NOT LOOK INTO LASER LIGHT.

OPERATION:

Note: the Star Night Laser has a photocell and operates in dark/nighttime conditions. The presence of light will turn the unit off. There may be a delay of on and off operation of about one minute.

This is normal operation of the photo cell and programming.

1. After Star Night Laser is plugged into the power source and positioned in place, the unit can be turned on.
2. Press the On/Off Program Selection button once. The 1st of 7 programs should activate. Press button to advance to the next program. Each pressing of the button will advance to the next program. Cycle through the programs until desired program is reached.
3. 7 programs to choose from
 - 1 Red & Green Motion
 - 2 Static Red & Green
 - 3 Green Motion
 - 4 Static Green
 - 5 Red Motion
 - 6 Static Red
 - 7 All Combinations - changes every 10 sec.

* Hold for 3 sec and unit turns off
4. Star Night Laser will turn off after 6 hours and turn on again automatically the next night.
5. Star Night Laser will restart at the last mode selected.
6. When used indoors, the light sensor will sample the light and if continuous light is present, the unit will turn off after approximately one minute. To continue to use indoors, lower the surrounding light.

TECHNICAL PARAMETERS:

Green Laser

Laser Diode: Green 532nm
Power: AC 120V, 60Hz
Laser Power: Green <1.0mW
Effect: Static firefly twinkling
Dimensions: max. dia. 4.17in x L 5.32in
Net Weight: 1 lb 5 oz
Gross Weight: 1 lb 15 oz
Waterproof: IP65

Red Laser

Laser Diode: Red 650nm
Power: AC 120V, 60Hz
Laser Power: Red <1.5mW
Effect: Static firefly twinkling
Dimensions: max. dia. 4.17in x L 5.32in
Net Weight: 1 lb 5 oz
Gross Weight: 1 lb 15 oz
Waterproof: IP65

Unplug the unit. Do not get any electrical parts of this product soaking wet.

Rainy day use is acceptable. Clean the lens regularly. It is recommended that it should be cleaned every 30 days.

NOTICES:

- Ingress protection: Enclosure is IP-65 weather resistant rated. Do NOT soak in water.
- Do not dismantle or repair the laser lighting. If there is any problem, please contact customer service at 973.287.5136.
- Prevent the laser light from strong vibrations or blows to the light housing.
- Before powering on, make sure the connection at the Star Night Laser unit and adapter are inserted properly and tightened securely.
- Do not turn on and turn off frequently, avoid leaving power on for a long time.
- Do not look at the laser source.
- Do not touch the adapter with wet hands or forcefully pull the power cable.
- The distance between lighting and casting medium should be more than 3 feet.
- When transporting, use the original package.

MANUFACTURER'S 60 DAY LIMITED WARRANTY:

The manufacturer warrants that your Star Night Laser™ is free of defects in materials and workmanship and will, at its option, repair or replace any defective Star Night Laser™ that is returned. All parts and components are warranted for 60 days from the date the product is received. This warranty is valid only in accordance with the conditions set forth below:

1. Normal wear and tear are not covered by this warranty. This warranty applies to consumer use only, and is void when the product is used in a commercial or institutional setting.
2. The warranty extends only to the original consumer purchaser and is not transferable. In addition, proof of purchase must be demonstrated. This warranty is void if the product has been subject to accident, misuse, abuse, improper maintenance or repair, or unauthorized modification.
3. This limited warranty is the only written or express warranty given by the manufacturer. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
4. Repair or replacement of the product (or, if repair or replacement is not feasible, a refund of the purchase price) is the exclusive remedy of the consumer under this warranty. The manufacturer shall not be liable for any incidental or consequential damages for breach of this warranty or any implied warranty on this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
5. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Procedure for Warranty Repairs or Replacement. If warranty service is necessary, the original purchaser must pack the product securely and send it postage paid with a description of the defect, proof of purchase to the following address: Tristar Products, Inc. 500 Returns Road, Wallingford, CT 06495.

Are there any concerns with possible legal issues with use of the Star Night Laser, such as laser lights and airplanes or flight paths?

Generally speaking, the beams will become negligible after 750 feet. Providing the Star Night Laser is used properly and as per the instructions, you should be in compliance if you are not within a mile of an airport. You can check the FAA guidelines in case you have any concerns. You can search online "FAA Chapter 29 Outdoor Lasers" for the latest regulations.

www.starnightlaser.com

We are very proud of the design and quality of our Star Night Laser set. This product has been manufactured to the highest standards. Should you have any problem, our friendly customer service staff is here to help you.
973.287.5136

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