

Safety Instructions and User Guide

(READ ME BEFORE USING)

Outdoor Laser with Remote

What's included

Laser	Stake	Adaptor	Allen Wrench	Remote	Safety Instruction Sheet	Adaptor Safety Instructions	Quick Start Guide Instructions
							



CAUTION: Use only with the included Class 2 transformer

SAFETY FIRST!

CAUTION! PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT. Failure to follow all Safety Instructions listed below may result in hazardous radiation exposure, electric shock, fire, and/or serious personal injury. Use this laser display device only for its intended use as described in these instructions.

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for the laser light system. Please read this entire User Guide and Safety Instructions carefully prior to using the unit.

This product is for OUTDOOR USE ONLY.

This laser display device (“laser display device” or the “Light”) uses laser energy and is certified as a CLASS IIIa laser product pursuant to the requirements of the US Federal Laser Product Performance Standard (FLPPS) contained in the regulations in 21 CFR Subchapter J. Class IIIa laser products can be hazardous when viewed directly.

Always avoid direct viewing of Class IIIa laser light or beam energy. For reference, the FLPPS requirements for demonstration laser products like laser pointers are limited to Class IIIa levels of laser energy. This product uses diffractive optics to scatter the beam energy. This scattering effect causes the energy concentration to drop below the exposure limits for momentary or accidental viewing at a relatively short distance from the laser aperture. As with all bright light sources, when you operate the Light in unsupervised general public areas, it is recommended that up close access to the Light be restricted or prevented.

This laser display device incorporates a Class IIIb laser system which, by itself, may be hazardous. This laser display device incorporates a protective housing and a diffractive optics design such that when properly assembled and operated there is no exposure to laser radiation above Class IIIa limits during operation or maintenance as described in this manual. Each individual laser beam power after the defraction layer is less than 5mW, which is about the power of an average laser pointer.

UNDER NO CIRCUMSTANCE should any attempt be made to open the protective housing or operate the laser display device if the aperture windows are damaged. All service to this laser display device requiring the protective housing to be opened and/or removed shall be performed by authorized Light service personnel or their authorized agents. There are no user-serviceable parts. Opening light's protective housing voids the warranty.

This light is for decoration only and not intended for use by Children 12 or under.

Customer Service Information

Please contact customer service at 1-800-763-6177 Monday through Friday 9:00 AM to 5:00 PM CST or visit our website at www.seasonalspecialties.com to email us.

IMPORTANT SAFETY INSTRUCTIONS:

When using outdoor portable laser products, basic safety precautions should always be followed to reduce the risk of hazardous radiation exposure, electric shock, fire, and/or serious personal injury, including the following:

1. Do not look directly into the light.
2. The product has a polarized plug (one blade is wider than the other) as a feature to reduce the risk of electric shock. The plug will fit in a polarized outlet only one way. If the plug does not fully fit into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not alter the plug.
3. Use only three-wire outdoor extension cords that have three-prong grounding plugs and grounding receptacles that accept the appliance's plug.
4. Built-in Ground Fault Circuit Interrupter ("GFCI") protection is to be provided on the circuit(s) or outlet(s) to be used for portable laser products in wet (outdoor) locations.
5. Use only with an extension cord approved for outdoor use, such as an extension cord of cord type SW, SW-A, SOW, SOW-A, STW, STW-A, STOW, STOW-A, SJW, SJW-A, SJOW, SJOW-A, SJTW, SJTW-A, or SJTOW, SJTOW-A.
6. Use only the manufacturer supplied adaptor connected to a properly grounded outdoor outlet.
7. Do not use with dimmers or timers.
8. Do not open the protective housing or operate the device if the housing, glass, or aperture windows are damaged.
9. Operate in temperatures of -4°F to 104°F (-20°C to 40°C). NOTE: There may be a slight illumination delay if operating below 55°F (13°C). Please allow 10 minutes for light to warm and turn on, and up to 30 minutes to reach its full projection intensity for all laser colors.
10. Do not hang the light unless you use a suitable hanging clamp and safety cable recommended by the manufacturer.
11. Do not point at any oncoming pedestrians, pets, vehicles, or land, sea or air traffic routes.
12. This seasonal use product is not intended for permanent installation or use.
13. Do not mount or place product or electrical cords near gas or electric heaters, fireplaces, barbeques, fire pits, candles or other similar sources of heat.
14. Do not secure the wiring of the product with staples or nails, or place on sharp hooks or nails.
15. Unplug the product when leaving the house, when retiring for the night, or if left unattended.
16. This is an electric product-not a toy! To avoid risk of fire, burns, personal injury and electric shock it should not be played with or placed where small children can reach it.
17. Do not use this product for other than its intended use.
18. Do not close doors or windows on the product, its wires, or on extension cords as this may damage the wire insulation.
19. Do not cover the product with cloth, paper, or any material not part of the product when in use.
20. This product is equipped with non-replaceable type lamps. Do not attempt to replace the lamps or open the projector for any reason.
21. Use only with the Class 2 adaptor provided with this product.
22. Read and follow all instructions that are on the product or provided with the product.
23. If the unit is damaged or you can see internal parts, do not plug the unit into an outlet.
24. Never operate this laser light system if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or fallen into water.

SAVE THESE INSTRUCTIONS

USER GUIDE

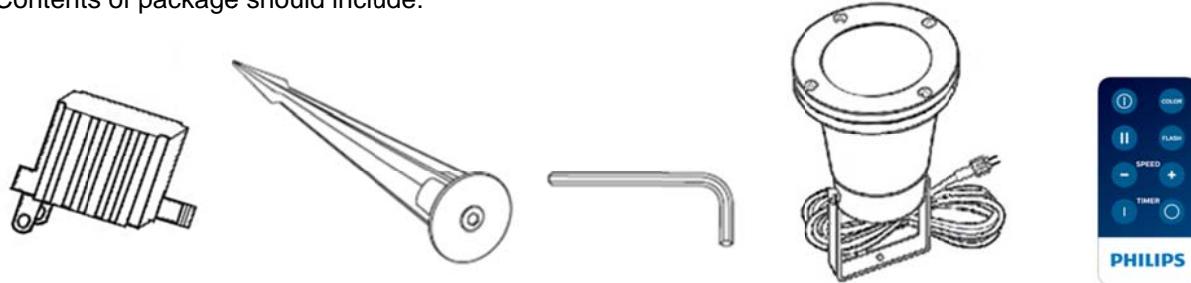
Introduction:

The Laser allows you to easily create an outdoor lighting display using diffracted laser light.

- Patterns of vibrant light
- Use only outdoors between temperatures of -4 ° F to 104 ° F (-20 ° C to 40 ° C)
- Easy installation and removal.
- Adjustable aiming system.
- Large coverage area

Before you begin:

Carefully unpack contents and check to make sure all parts are present. Some assembly may be required. Contents of package should include:



Assembly and installation instructions:

WARNING:

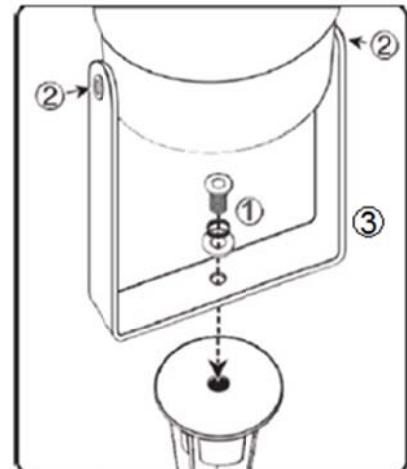
Risk of serious personal injury, fire or electric shock.

- a. Do not position or point the projector at places people may look into the projection beams.
- b. Laser radiation – Avoid direct eye exposure.
- c. Do not position or point the light into any oncoming pedestrians, vehicles, aircraft, ships, or in the direction of traffic routes from land, air or sea.
- d. Do not aim the laser at aircraft or aircraft route, it is unsafe and illegal.
- e. Do not aim the laser into a mirror.
- f. Do not use if laser light enclosure or glass cover is damaged, or adaptor is damaged.
- g. Route electrical cords to prevent tripping.
- h. Unplug unit before installing unit and/or installing/removing the stake and adaptor.
- i. Do not install within 10 feet of areas of standing water (such as a pool or fountain).
- j. Keep wires clear of being pinched or cut during assembly, installation or use. Discard product with cut wire insulation.
- k. This product is not a toy, for adult use only. It should not be played with or placed where children can reach it.
- l. Make sure stakes are clear of underground sprinkler lines, underground telephone, and underground power lines before starting.
- m. Please read all instructions and warnings included with this product before using.
- n. Do not expose the remote control to moisture. If projector is used outdoors, do not bring remote outside when raining or snowing, use remote from indoors instead.
- o. Use only CR2032 3V Lithium battery for replacement, use of other batteries may damage remote.
- p. Small parts, keep away from children.
- q. Remove batteries when not used for an extended period of time, or when depleted. Batteries may leak and cause permanent damage to unit.
- r. Do not use rechargeable batteries.
- s. Do not recharge included batteries or expose to temperatures above 115° F (46° C).
- t. Do not open batteries, expose to water, put in backwards, or short circuit (store each battery in a separate plastic bag).
- u. Dispose of lithium batteries in accordance with local, state, or federal regulations. Do not dispose of batteries in fire.
- v. No user serviceable parts inside projector. Do not open projector.

Installation instructions:

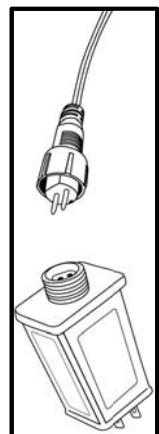
Stake Mount installation:

1. Remove the hex screw and washer (1 in figure) from the stake with the included tool.
2. Use the same hex screw and washer to attach the stake to the top of the stake.
3. Push stake to ground. Note, if ground is hard or frozen, pour hot water over ground first, or use a shovel to loosen ground. The further the Light is from a surface the dimmer and larger area it will cover, the closer it is, the smaller and brighter it will be. When choosing a location, be sure it will not shine at aircraft, aircraft routes, people, or any type of vehicle route.
4. Aim the projector onto the surface to illuminate by loosening and tightening the angle adjustment screws (2 in figure).
5. When aiming the projector, ensure that all laser dots fall onto the surface being illuminated and do not extend outside that surface into airspace around the object. Never aim at an aircraft or aircraft route. See warnings above for more information.
6. Proceed to Adaptor Instructions.



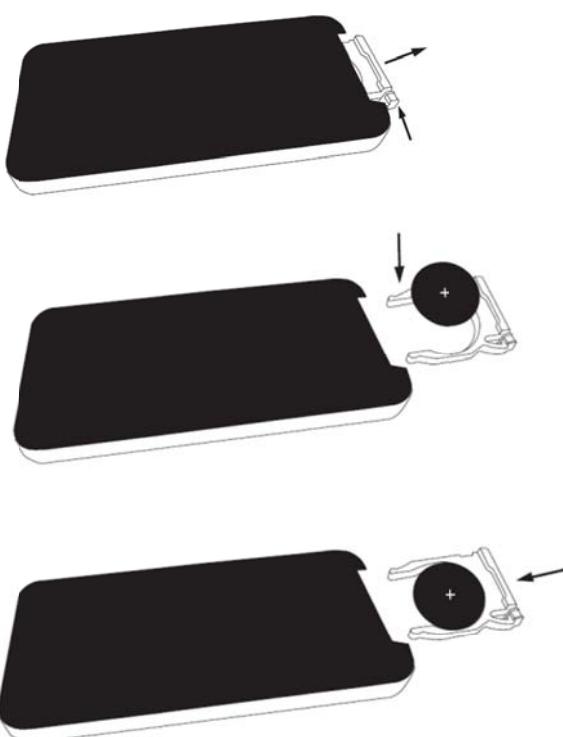
Adaptor installation:

1. Attach the light connector to the adaptor by lining up the polarization tabs on the connector and inserting the pins fully into the adaptor and screw on the holding ring. Hint – apply slight pressure to the holding ring towards adaptor while turning it.
2. Plug adaptor into 120V outlet, light should come on. When used outdoors, adaptor should be located in an outdoor outlet box where the adaptor connections can be protected from falling rain (see instructions on adaptor for further information). Reposition if necessary, while following precautions for laser usage.



Remote Control Battery Installation:

1. Open the battery cover on the bottom of the remote by pushing on the tab on the side of the battery tray and pulling the battery tray out from the bottom.
2. Clean the battery contacts and also those of the device prior to battery installation.
3. Use only same type CR2032 3V Lithium battery for replacement, use of other batteries may damage remote.
4. Install battery following the polarity shown on the battery compartment.
5. Close battery cover by sliding back into place.



Operation:

NOTE: There may be a slight illumination delay with the green laser when operating below 55 ° F (13 ° C). Please allow 10 minutes for light to warm and turn on, and up to 30 minutes to reach its full projection intensity for all laser colors.

After plugging in the laser it will automatically be in steady on mode, and will not turn off until power is removed. Use the remote to adjust various functions as described below.

To use the built in timer mode, Press the “I” button under “TIMER” at the desired time for the laser to turn on each day while plugged into and powered by a 120V outlet. The laser will turn on at the same time each day as long as the Laser is plugged into and powered by 120V.

To turn off the 6 hour timer mode, press the “O” button under “TIMER” on the remote and the laser will blink once to confirm that it is no longer in the timer mode.

NOTE: If the item is unplugged from its 120V outlet any timer, flashing, and other function settings will be lost and return to the default steady lighting setting. To maintain any functions selected, do not unplug unit or turn off power to plug, use the timer mode to control the on and off times instead or turn on and off the laser with the on/off button on the remote.

When operating in temperatures below 55 ° F (13 ° C) the unit may not turn on for the first 10 minutes and may take up to 30 minutes to reach full brightness. When turning on, please plan for this warm up period.



Remote Functions:

- : Laser will turn on when button is pressed. After second press the laser will turn off.
- : Pressing this button will toggle between all laser colors included with this product.
- : This button will toggle between flashing and steady depending on which laser is enabled.
- : Pressing this button stops and starts the motion / spinning of the dots.
- : Pressing this button will increase the speed of the motion.
- : Pressing this button will decrease the speed of the motion.
- : This turns on the timer mode when laser is powered on and button is pressed. The laser will blink three times to confirm timer mode is turned on. Laser will now be on a 6 hour timer. Laser will stay on for 6 hours and then turn off for 18 hours. This will repeat until 120VAC power is removed.
- : Pressing this button will stop the timer mode. The laser will blink once to confirm that timer mode is turned off.

Note – When in the timer mode, the start time of the timer will be set when the button is pushed and the Laser will turn on each day at the time the button was pushed as long as the laser is plugged into 120V power.

Troubleshooting instructions:

If Lasers do not work:

- a) Make sure the Laser is connected to the adaptor. Make sure connectors are fully inserted into the adaptor, and tight. Also check that the tabs inside the connectors are lined up, if installed backwards, the laser will not light, simply reverse the connector if the tabs were not lined up originally.
- b) Make sure the adaptor is plugged into a 120V AC outlet.
- c) Make sure the outlet has power (check to see if any switches control the outlet) and not connected to a dimmer switch.
- d) Do not use on a timer operated outlet or on a dimmer controlled outlet.
- e) If installed on a GFCI circuit or outlet, reset the GFCI in case it activated.
- f) Make sure outside temperature is above -4 °F (-20 °C) or unit will not illuminate and if below 55 °F (13 °C), the unit may take 10 to 30 minutes to illuminate, one laser may illuminate before the other.
- g) When provided, the some colored lasers may take longer than the other lasers to turn on in cold temperatures, this is normal.

If Lasers turn off automatically:

- a) This is due to the built in timer function. The Lasers will turn off after a predetermined amount of time depending on if the timer mode is active. Pressing the "O" button under "TIMER" on the remote disables this feature. *Note: laser will blink once to signify timer function is no longer active.*

If the laser has no response when remote buttons are pressed:

- 1) This may be caused by the remote not communicating with the Laser. Please follow the steps below.
 - a) Start with your remote ready (battery installed), and located within range of the laser.
 - b) Then plug in the laser adaptor into to a 120V power source.
 - c) Within 5 seconds AFTER plugging the laser in, press the ON/OFF button on your remote to sync it with the laser.

Note: DO NOT press the ON/OFF button at the same time as you plug in the adaptor, it must be done within 5 seconds AFTER plugging in. Occasionally, re-syncing the remote with the laser may be necessary. To re-sync, remove the battery from the remote, unplug the laser unit from the power source for 1 minute then repeat steps a-c above. To sync two or more lights to the same remote, unplug all of them, then plug them back in at the same time, and AFTER plugging them in press the ON/OFF button within 5 seconds.

- 2) If the steps in 1 do not work, replace the battery in the remote with a new battery using the remote control battery installation instructions above.

If Laser turns on or off at the wrong time:

- a) Please insure the timer mode "I" button was pressed at desired start time. The laser only has a timer function of 6 hours on/ 18 hours off. Once the timer mode button is pressed on the remote Laser will blink three times signifying timer has been set.

If one Laser is not working:

- a) Please press the "COLOR" button on the remote until desired Laser color is enabled.

To stop laser from flashing:

- a) Please press "FLASH" button on remote until desired function is found.
- b) If Laser still flashes after pressing the "FLASH" button on remote multiple times please try unplugging your Laser and wait for 1 minute before plugging it in.

To stop laser from rotating:

- a) Please press "II" button on remote. When button is pressed all motion should stop on laser.

Customer Service Information

Please contact customer service at 1-800-763-6177 Monday through Friday 9:00 AM to 5:00 PM CST or visit our website at www.seasonalspecialties.com to email us.

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

3 Year Limited Guarantee - Subject to the exclusions contained below, Seasonal Specialties LLC, at its option, will at no charge repair, replace (with same or equivalent product), or refund the purchase price if this product fails to light due to defects in material or workmanship within three (3) years from the date of purchase. To obtain service, ship the product prepaid along with the Original UPC & Original dated legible proof of purchase to Seasonal Specialties, L.L.C., 11455 Valley View Road, Eden Prairie, MN 55344, Attn: Customer Service. Allow six to eight weeks for handling. We are committed to making high quality products. Returning the product to us helps us to monitor and improve product quality.

Exclusions - This product is intended for residential seasonal use only (90 days maximum per year), and was pre-tested and date coded prior to shipment. This limited guarantee extends only to the first consumer purchaser, and is not transferable. This guarantee does not include: 1) commercial use, 2) normal wear and tear, 3) products not used in accordance with directions provided on or with the product, 4) burnout of bulbs or LEDs, 5) batteries, 6) products that have been subjected to unauthorized repair, and/or modification, or 7) damage caused by shipping, improper handling, alterations, misuse, or accidents.

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When shipping product back to us, please include your return address, contact phone, and e-mail address in addition to the other requested information.

Please contact us at 1-800-763-6177 or visit our website at www.seasonalspecialties.com for additional information.

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IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic precautions should always be practiced including the following:

- 1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
2. Read and follow all instructions that are on the product or provided with the product.
3. Do not use an extension cord.
4. Reference the National Electrical Code, ANSI/NFPA 70 specifically for the installation of wiring and clearances from power and lighting conductors.
5. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
6. Do not install or use within 10 feet of a pool.
7. Do not use in a bathroom.
8. **WARNING:** Risk of Electric Shock. When used outdoors, install only to a covered Class A GFCI protected receptacle that is weatherproof with the power unit connected to the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.
9. **WARNING:** Risk of Fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.
10. **WARNING:** Risk of Electric Shock. Mount the unit at a height greater than 1 foot (0.3 m) from the ground surface.

SAVE THESE INSTRUCTIONS

– This manual contains important safety and operating instructions for power units.

A. General Information

1. Input voltage: 120V AC/60Hz, Output: 24V AC, Max 24W
2. Protective device: This product contains an internal protective device. If the unit stops working, disconnect from the 120V power supply and remove the product connected to the adaptor. Plug everything back in if it still does not work, discard product and adaptor.

B. Installation

1. This product shall be installed in outdoor locations, but avoid splashing water from falling onto or reaching the adaptor.
2. Please install the connector of end product into the output socket of adaptor following the end product instructions.
3. General information -
 - a. Damage may occur to this product if used in extreme temperatures.
 - b. Do not change the wiring on the end product.
 - c. Please use this adaptor only with the included product.
- 4 After finishing the installation, please plug into a 120V AC/60Hz electrical outlet.

WARNING: 1) Install only to a Class A GFCI protected receptacle where the adaptor is protected from water or rain while plugged in (completely covered by the outlet box while plugged in).
2) Do not use where only part of the adaptor is protected from rain or water (outlet boxes where there is only a partial cover shall not be used for outdoor installations).
3) This power unit is intended to be correctly orientated in a vertical or floor mount position.