Wireless Remote Control Spotlight with Post Mount - Perko Socket

INSTRUCTION GUIDE

Part# GL-2110-F

Congratulations

You are now the owner of one of the finest remote control searchlights available today. Thank you for letting Larson Electronics assist you in your lighting application needs. We’re proud of our products and the technology that we’ve developed to ensure our customers the most durable, versatile and powerful searchlights in the lighting industry.

Please read these instructions before using your new Remote Control Spotlight from Larson Electronics.
The GL-2110 65 Watt motorized spot and flood light combo that operates with a wireless hand held remote control. This particular model is available in a black finish and is mounted on a stanchion post with red/green navigational running lights. The stanchion post mount is available in six, twelve or twenty-four inches. It produces a wide spot beam with an effective working beam of 700 feet and has a 5 million candlepower rating.

GL-2110 Hard Wired - Permanent Mount:
GL-2110 Searchlight
Wireless Remote Control
Wireless Dash Remote Control
2 A23 12V Batteries
Permanent Mounting Gasket

MOUNTING INSTRUCTIONS
Determine the location for the light on your vehicle or boat. The small arrow on the base indicates the normal forward direction of the light. The light will rotate to the left of this arrow approximately 185 and to the right approximately 185. The beam will angle down about 45 and angles up to 90. The location should take into consideration this beam movement to ensure optimum usability.

Once the position and orientation are decided upon—use the black rubber gasket as a footprint to mark the mounting of base to vehicle. Drill 1/4 inch hole though mounting surface in the middle of the footprint for passage of the power cord. Use silicone sealant to fill opening around power cord.

IMPORTANT: Allow 3" of cord to remain under the light to ensure full 370 rotation.

You should choose screw or bolt fasteners appropriate to the surface to which you intend to attach the light. If you intend to use the four small plastic caps provided to cover the screw heads once installed, a #8 round head is recommended.

The black gasket should be installed on the lamp base prior to attachment to the vehicle surface. NOTE: The small drain hole in the edge of the gasket should normally face opposite the forward direction of the vehicle—opposite the arrow molded in the front of the base. Silicone or other like sealants should not be used around the base gasket as it will limit the light’s ability to drain excess water properly.

The 12 Volt DC power wire should be joined to the leads under the lamp with appropriate automotive wire attachments. It is critical that polarity be observed. Connect vehicle positive (+) to spotlight positive (+) wire. Connect vehicle ground (-) to spotlight ground (-) wire. Power should be fused at 10 Amps and be on a dedicated circuit, or wired to an appropriate automotive relay system.

PROGRAMMABLE REMOTE INSTRUCTIONS
The GL-2110 is controlled with a programmable remote with 2187 different channels. This feature allows you the freedom to change the channel selection, and the receiver relearns the new selection.

PROGRAMMING THE TRANSMITTER.
This light has been pre-programmed at the factory, it is not necessary to re-program the transmitter, but is recommended.

PROGRAMMABLE REMOTE INSTRUCTIONS
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1. IMPORTANT Disconnect power.
2. Remove battery cover from remote control.
3. Set the 7 dip switches to a selection of your choice. There are 3 positions on each; positive, negative and neutral. Use a small screwdriver and select a position for each dip switch. *Please note that the orientation of the +/- switch positions may vary among different models of wireless remote controls.
4. Insert both A23 12V batteries. Be sure batteries have adequate charge.
5. Replace battery cover.
   a. Depress the on/off button and hold it down. Red LED will light.
   b. While holding the on/off button down, reinstall the power (replace fuse or connect vehicle battery).
   c. Keep on/off button depressed for 5-6 seconds, and then release. The light should now be programmed.
WIRELESS DASH CONTROL
If you have a wireless dash control, please note that it is vital for this to be attached to a flat / smooth surface with the 4 mounting screws included. The arrow under the rubber cover should point up.

OPERATION OF GL-2110
1. Using the remote control, turn on the light by depressing the on/off button.
2. With the 4-way arrows on the remote control, rotate your light to the desired location. Depending upon conditions, the wireless remote may be used up to 80 feet from the spotlight.
3. The speed of the light rotation can be controlled by de-pressing the tortoise/hare button one time and by depressing it again to restore the original speed.
4. The spotlight should not be turned on when the snap on lens cover (rockguard) is attached. (Not applicable for LED)

BATTERY INSTALLATION AND REMOVAL FOR TRANSMITTER
Remove Battery Cover: remove the Phillips head screw securing the battery cover then remove the cover. With the battery compartment now exposed, insert batteries according to correct polarity. Remove the batteries by gripping the positive end of each battery and lifting.

Use only 12v-A23 batteries in the Golight remote control

USAGE:
» This light is intended for off-road and utility use only
» This light may only be disassembled and repaired by an authorized representative

MISUSE:
» This light is not approved for road or highway use
» This light is not approved for underwater use
» This light is not approved for inverted mounting
» This light is not approved for use inside a vehicle or enclosure and power should be disconnected prior to placing the light in such circumstance
» This light may be damaged if operated in icing conditions
» This light may only be dismantled by an authorized Larson Electronics representative.

» Any violation of the above referenced misuses will be considered grounds for warranty refusal

IMPORTANT SAFETY INFORMATION
🌟 This symbol is to alert you to important operating or servicing instructions that appear in your instructions. Always follow basic safety precautions when using this product to reduce the risk of injury, fire or electric shock.

🌟 This light is for off road and utility use only. It is not designed for road use as a driving light.

🌟 The GL-2110 complies with Part. 15.105 of the FCC Rules. This equipment has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

🌟 FCC RULE Part. 15.21 - Changes or modifications made by the user not expressly approved by Larson Electronics, LLC. for compliance could void the user’s authority to operate the equipment.

PARTS / ACCESSORIES
Contact manufacturer for GL-2110 parts and accessories.
LED Flood Lens Kit Instructions
For Golight Radioray and Stryker Models

Thank you for your purchase. This diffuser flood lens will shorten and widen the spot beam for wide area illumination of distances to 100 feet. Follow the basic installation steps below to install or remove the lens.

INSTALLATION

- Press the flood lens up against your Golight until it clicks in place. Press all edges to ensure the lens is securely attached flush with the Golight lens.

REMOVAL

- To remove the flood lens, pull two edges until the lens releases from the Golight. Store in a safe place.

Note: Ensure the lens lines up properly. Do not force the lens as this could cause damage to the lens and/or Golight.

If the lens becomes dirty, wash with a mild soap and water.

[youtu.be/kzHobx_YHeE]
Black 2-Pin Perko Socket Mounting Base

Mounting information

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE.
WE RECOMMEND A LICENSED ELECTRICIAN INSTALL THIS PRODUCT.

INSTALLATION

2. These bases are designed to be mounted on a horizontal surface.
3. For Bi-Color lights, draw a 6” long reference line through the center of the selected mounting location and parallel to the centerline of the boat.
4. Cut out the mounting template. Place it on the mounting surface such that the reference line (drawn above) is directly underneath the reference line marked on the template.
5. Drill indicated holes through the template to accommodate #8 oval head mounting screws and socket as required.
6. Attach supply connections to the light, making sure to wire in accordance with both A.B.Y.C. Standard E-9* and the U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)*.

For 2-contact bases, the supply leads are coded as follows:

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
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<tbody>
<tr>
<td>WHITE</td>
<td>Positive supply lead</td>
</tr>
<tr>
<td>BLACK</td>
<td>Negative supply lead (Caution: Negative lead connected to case. To avoid energizing case, observe polarity.)</td>
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Electrical connections must be made such that the forward compartment is switched in conjunction with the other running light(s); aft compartment should be switched with Ignition (or permanently energized), as a push switch is provided on top of the light. NOTE: All light circuits must be circuit protected. Use a 1/2 Amp fuse (or breaker) for the courtesy light circuit and a 2 Amp fuse (or breaker) for the combination light circuit.

7. Setup for Operation: As pole engages with base, make sure alignment screw in pole slides into the notch in the base. Push pole until it engages the electrical connector and lock by rotating the locking collar clockwise.

* The above referenced standards can be obtained from
American Boat & Yacht Council, Inc.
613 Third Street, Suite 10
Annapolis, MD 21403

U.S. Coast Guard
Washington D.C. 20593
(or your local C.G. Office)

<< PRINT ACTUAL SIZE (100% SCALE) FOR CORRECT DIMENSIONS.>>