

The RadioRay is a Portable, 2-Speed Searchlight with Directional Flexibility that is controlled by a wireless remote. The remote control gives the operator a full 370° horizontal rotation and a 120° vertical tilt with fingertip control. The RadioRay provides excellent light penetration for specialized tasks and mounts permanently or temporarily for your specific use.

The RadioRay includes:

- RadioRay Searchlight
(Free standing light with suction mounting.)
- Remote Control (**Must be kept clean and dry.**)
- 2 Duracell MN21 batteries
- Rain Coat for remote
- Permanent Mounting Shoe
(Press spring lock to release and remove light.)
- Gasket for permanent Mounting
- Amber Lens
- Rock Guard
- Carrying Case
- An optional magnetic shoe.
(See accessory sheet.)

MOUNTING INSTRUCTIONS

Temporary:

1. Always clean mounting surface with a clean cloth.
2. Remove light from permanent mount shoe by depressing spring-loaded lock and sliding light out.
3. Place suction base on clean, dry surface and move side lever into the locked position.

WARNING

Check the suction cup frequently to ensure that suction strength is maintained. Temperature variations, rough terrain, grease, and dirt affect the length of time the suction cup will remain in place.

Permanent:

1. On clean, dry surface, place gasket and shoe in desired location. Using 3/16" screws, attach shoe to vehicle.
2. Slip the RadioRay into the shoe. Verify that the spring lock secures the RadioRay into the shoe. An optional magnetic mounting shoe is available.
(See accessory sheet.)

*PROGRAMMABLE REMOTE INSTRUCTIONS

The RadioRay is controlled with a programmable remote with 6561 different channels. This feature allows you the freedom to change the channel selection and the receiver relearns the new selection.

BEFORE USE

* YOU MUST PROGRAM THE TRANSMITTER.*

1. Remove battery cover from back of remote.
2. Disconnect power to the light. (unplug cigarette lighter plug)
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.
4. Insert both MN21 Duracell batteries with the +/- in the same direction. Be sure batteries have adequate charge.
5. Replace battery cover.
 - a. Depress the on/off button and hold it down. The red LED will light.
 - b. While holding the on/off button down, reinstall the power (plug the cigarette lighter plug in).
 - c. Keep your finger on the on/off button. In a few seconds the light bulb will flash. This will tell you the process is finished.

OPERATION OF RADIORAY

1. Place your RadioRay in the mounting shoe or attach to the outside of your vehicle (see previous instructions).
2. Plug your RadioRay into your vehicle's cigarette lighter outlet or 12 volt direct battery hookup.
3. Using the remote control, turn on the light using the on/off switch.
4. With the 4-way switch on the remote control, rotate your light to the desired location. Depending upon conditions, the remote may be used up to 150 feet from the RadioRay.
5. The speed of the light rotation can be controlled by depressing the +/- button one time and by depressing it again to restore the original speed.
6. Unplug and remove light from vehicle. Store the light and remote control in the enclosed carrying case when not in use to extend the life of your RadioRay.

WARNING: UNPLUG UNIT WHEN NOT IN USE

BULB REPLACEMENT

The RadioRay utilizes a Cr5 Pentabean bulb, which may be purchased through Golight, Inc. 308-278-3131 or 800-557-0098. See Accessory Order Form

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 RadioRay complies with Part.15 of the FCC Rules. Operation is subject to the following two conditions: (1) this light and remote may not cause harmful interference, and (2) this light and remote must accept any interference received, including interference that may cause undesired operation.

^FCC RULE Part. 15.21 Changes or modifications made by the user not expressly approved by Golight, Inc. for compliance could void the users authority to operate the equipment.

For safe and efficient operation of your RadioRay, observe these guidelines:

Using your RadioRay in icing conditions could damage the gear motors.

Always keep the remote in the raincoat provided. The remote must be kept clean and dry to avoid damage to internal circuitry.

Your RadioRay is a radio transmitter and receiver operating at 312 MHz. Whenever the light is on, the internally mounted antenna sends out and receives radio frequency (RF) energy.

*Modern electronic equipment, i.e. Personal medical devices such as pacemakers, hearing aids, etc., is shielded from RF energy. However, RF energy may affect some electronic equipment.

*Vehicle electronic systems may be affected by RF energy. Check with your vehicle manufacturer representative to be sure that your RadioRay will not affect the electronic system of your vehicle.