

GOLIGHT®

RADIORAY® MODEL 16.7900

Congratulations

You are now the owner of one of the finest remote control searchlights available today. Thank you for letting Golight® 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 Golight® RadioRay®.

Note: 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 user's authority to operate the equipment.

For safe and efficient operation of your Golight® 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 the internal circuitry.



RADIORAY Model 7900 (white)

- *Portable Searchlight*
- *Programmable Wireless Remote*
- *Suction Cup & Permanent Mount Shoe*
- *15' Cord with Cigarette Plug for 12v DC*
- *370° Rotation x 120° Tilt*
- *400,000 Candle Power, 5.5 Amps*
- *U.V. & Salt Water Resistant*
- *3 Year Warranty*

Your Golight® RadioRay® is a radio transmitter and receiver operating at 433 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., are 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.

The Golight® RadioRay® is a Portable Searchlight designed to be permanently or temporarily attached to a vehicle for your specific use. The 2-Speed Searchlight with Directional Flexibility is controlled by a wireless remote, which gives the operator a full 370° horizontal rotation and a 135° vertical tilt with fingertip control. The RadioRay® provides superior light penetration with Cr5 PentaBeam™ technology.

The RadioRay® includes:

- RadioRay® Searchlight
(Free-standing light with suction mounting.)
- Remote Control (Must be kept clean and dry.)
- 2 Duracell MN221 Batteries
- Rain Coat for Remote
- Permanent Mounting Shoe
(Press spring lock to release and remove light.)
- Permanent Mounting Gasket
- Rockguard
- An Optional Magnetic Shoe

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 that 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.

PROGRAMMABLE REMOTE INSTRUCTIONS

The Golight® 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.

PROGRAMMING THE TRANSMITTER.

This light has been pre-programmed at the factory, and it is not necessary to re-program the transmitter, unless you experience outside interference.

1. **IMPORTANT:** Disconnect power by removing fuse or disconnecting vehicle battery.
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 Duracell MN21 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. 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 for 5-6 seconds, and then release. The light should now be programmed.

OPERATION OF GOLIGHT® RADIORAY®

1. Place your RadioRay® into the mounting shoe or attach to the outside of your vehicle (see mounting 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 by depressing the on/off button.
4. 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 100 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 optional carrying case when not in use to extend the life of your RadioRay®.
7. The spotlight should not be turned on when the snap on lens cover (rockguard) is attached.

WARNING: Unplug unit when not in use.

BULB REPLACEMENT

The Golight® utilizes a Philips® H-9 bulb, which may be purchased through **Able 2 Products Company** • Phone: 800-641-4098