

Quick Troubleshooting Guide
Golight/Radioray Halogen and LED
Golight Customer Service: 800.557.0098

REMOTE TYPE: WIRELESS HANDHELD OR WIRELESS DASH MOUNT REMOTE CONTROL
(2000, 2051, 2007, 2057, 7901, 7951, 7900, 20004, 20514, 20074, 20574, 7901, 79514, 79004)

1. My light has NO function. Potential issues:

- **Insufficient Power Supply**
- **Programming Issue (Wireless Remotes Only)**
- **Defective Batteries or Defective Wireless Remote**
- **Defective Receiver**

Insufficient Power Supply- Verify your light is receiving adequate current. Halogen units draw 5.5 Amps at 13.8V / LED units draw 3 Amps at 13.8V.

Programming Issue- See “Wireless Remote Programming” instructions listed under “Helpful Links” on the Product Support page or refer to the white sticker on the back of your wireless remote control.

Defective Batteries or Defective Wireless Remote- There is a red LED light in the center of your wireless remote control that should light up every time you depress a button. If there is no red LED light, start by replacing the batteries in your remote control (12V 23AE). If this does not resolve the issue, the problem could be with the remote control. If available, use a different wireless remote control to test the light. If a different remote is not available, please call our Customer Service Department for assistance.

Defective Receiver- If you have done all of the above and your light still has no function; you may have a defective receiver. Please call our Customer Service Department for further instructions.

2. My light will rotate left/right and up/down, but the bulb will not illuminate. Potential Issues:

- **Insufficient Power Supply**
- **Polarity Reversed**
- **Defective Halogen Bulb**
- **Defective Receiver**

Insufficient Power Supply- If the motors are operational, this is a sign that the unit is receiving adequate current, but not enough current to illuminate the bulb. Verify your unit is receiving adequate current. Halogen units draw 5.5 Amps at 13.8V / LED units draw 3 Amps at 13.8V.

Polarity Reversed- Our LED units are polarity sensitive (Halogens are not). If your light will rotate, but not turn on, verify your power wires are hooked up accordingly (+) to (+).

Defective Halogen Bulb- Is there a break in the filament? If no, remove the bulb and perform a continuity test.

Defective Receiver- When pressing the power button on the remote control, do you hear a “clicking” sound? If so, this means the receiver and the remote control are communicating, and the issue may be the bulb. (Please note: in rare circumstances, a defective receiver can still product a clicking sound.) If you do not hear anything when you press the power button, the issue could be the receiver.

**CONTINUED -REMOTE TYPE: WIRELESS HANDHELD OR WIRELESS DASH MOUNT
REMOTE CONTROL (2000, 2051, 2007, 2057, 7901, 7951, 7900, 20004, 20514, 20074, 20574, 7901,
79514, 79004)**

3. My light will illuminate, but has rotation issues (no left/right, up/down, or both). Potential issues:

- **Defective Motor**
- **Defective Receiver**
- **Defective Wireless Remote**

Defective Motor- There are two motors in the light; one that controls horizontal movement and one that controls vertical movement. If your light will turn on but will not move L/R or U/D, then you may have a defective motor.

Defective Receiver- If your light illuminates but rotates intermittently or not at all, your receiver may be the issue.

Defective Wireless Remote- There is a red LED light in the center of your wireless remote control that should light up every time you depress a button. If it does not illuminate when depressing the left, right, up or down arrow you may have a defective remote. If available, use a different wireless remote control to test the light. If a different remote is not available, please call our Customer Service Department for assistance.

REMOTE TYPE: HARDWIRED DASH MOUNT REMOTE CONTROL (2020, 2021, 20204, 20214)

1. My light has NO function. Potential causes for this issue:

- **Insufficient Power Supply**
- **Loose or Corroded Connector (Remote to Wiring Harness OR Wiring Harness to Light)**

Insufficient Power Supply- Our hardwired dash mount remote control lights have to be powered on to operate. If the switch is in the on position and the light will still not turn on or move, verify it is receiving adequate current. Halogen units draw 5.5 Amps at 13.8V / LED units draw 3 Amps at 13.8V.

Loose or Corroded Connector (Remote to Wiring Harness OR Wiring Harness to Light) - There is a connector at the remote control side and under the light. Disconnect the plugs to check for corrosion and a secure connection.

2. My light will rotate left/right and up/down, but the bulb will not illuminate.

- **Insufficient Power Supply**
- **Defective Halogen Bulb**

Insufficient Power Supply- If the motors are operational, this is a sign that the light is receiving adequate current, but not enough to illuminate the bulb. Verify your unit is receiving adequate current. Halogen units draw 5.5 Amps at 13.8V / LED units draw 3 Amps at 13.8V.

Defective Halogen Bulb- Is there a break in the filament? If no, remove the bulb and perform a continuity test.