

Golight® Stryker® ST Series Wireless Remote

MODELS- HALOGEN 3000ST, 3051ST, 3006ST Portable HALOGEN 30002ST, 30512ST, 30062ST
LED SPOT 30004ST, 30514ST, 30064ST Portable LED SPOT 30005ST, 30515ST, 30065ST
LED HYBRID 30008ST, 30518ST Portable LED HYBRID 30009ST, 30519ST

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® Stryker® ST.



Instruction Guide

STRYKER ST WIRELESS //////////////////////////////////////

The Golight® Stryker® ST wireless remote spotlights are designed to be attached to a vehicle using a magnetic or permanent mount and operated by a wireless remote control. Each spotlight has 370° horizontal rotation and 135° vertical tilt.

The Stryker® ST Includes:

- Stryker® ST Spotlight
- ST Wireless Remote with two AAA 1.5V Batteries
- Rockguard (halogen units only)

Permanent Mount Units Include:

- Mounting Plate
- Three #8-16 x 3/4 inch stainless steel panhead self-tapping screws

Tools Required Permanent Mount:

- Drill
- Drill bits as needed
- Screwdriver - #1 Phillips, Small Flat
- Silicone sealant

Tools Required Portable:

- Screwdriver - #1 Phillips, Small Flat

MOUNTING //////////////////////////////////////

MOUNTING INSTRUCTIONS - SPOTLIGHT

Portable Mount (Models 30002ST, 30005ST, 30062ST, 30065ST, 30512ST, 30515ST, 30009ST, 30519ST)

1. Select the best location for mounting the spotlight. Make sure the metal area under the magnetic base is flat and clean to ensure a strong bond.
2. Aluminum vehicles will require a magnetic base adapter kit (P/N 16308). Visit our web store at <https://golight.com/accessories-and-parts/>

Permanent Mount (Models 3000ST, 3006ST, 3051ST, 30004ST, 30064ST, 30514ST, 30008ST, 31518ST)

1. Determine the location for the light on your vehicle. This should be a flat surface. The small arrow on the base indicates the normal forward direction of the light. The light will rotate to the left of this arrow 185 degrees and to the right 185 degrees. The lamp will tilt down 45 degrees and tilt up 90 degrees. The location should take into consideration this range of motion to maximize usability. Keep in mind the swing diameter is 286 mm (11.3 inches) from the center of the mounting plate. This allows for clearance as the light is rotating. Refer to Figure 1 Swing Diameter or <https://golight.com/stryker-st-support> for diagram.
2. Remove the dog point screw from the mounting plate. Refer to Figure 2. Save this screw for reinstallation. Remove mounting plate from base.

3. The mounting plate is designed to be mounted with either the supplied sheet metal screws or a combination of cap screws, nuts and washers. You should choose hardware appropriate to the surface to which you intend to attach the light. Drill holes in mounting surface for either type of hardware depending upon your preference

Refer to Figure 3 or <https://golight.com/stryker-st-support> for hole pattern dimensions or use the mounting plate as a template. Drill holes and secure mounting plate with fasteners.

4. Drill a center hole in mounting surface for passage of power leads. Minimum suggested diameter is 6 mm (1/4 inch).
5. The wire leads under the light need to be connected to a fused 12V DC power source on the vehicle. **It is critical that polarity be observed.** See amp draw and recommended fuse sizes below. Connect vehicle positive (+) to spotlight positive (+) wire. Connect vehicle chassis ground (-) to spotlight ground (-) wire. Use appropriate wire gauge and fuse for your light and appropriate automotive wiring connectors.

Electrical requirements are as follows:

Halogen Models

Max Current Draw: 5.5A @ 13.8V

Recommended Fuse: 7.5A to 10A

LED Models

Max Current Draw: 3.5A @ 13.8V

Recommended Fuse: 5A

STRYKER ST WIRELESS REMOTE //////////////////////////////////////

BATTERY INSTALLATION – ST WIRELESS REMOTE

1. Remove the battery compartment cover from the rear of the handheld remote by removing the single rounded head screw. Note that cover is hinged at the top.
2. Insert the two supplied AAA 1.5V batteries. Note batteries must be installed with proper polarity (+ and -) as shown inside battery compartment. See Figure 4.
3. Reinstall battery cover and screw.

STRYKER ST WIRELESS REMOTE

The Stryker® ST wireless remote and the spotlight communicate at 2.4GHz. The Stryker® ST wireless handheld remote, part number 30300 is compatible only with the Stryker ST spotlights. It will not function with Golight® RadioRay®, Golight® GT Series or Stryker® spotlights prior to ST Series.

The ST wireless remote can operate one or two spotlights, either individually or simultaneously. Prior to pairing the remote to the spotlight or spotlights, please familiarize yourself with the features as shown in Figure 5.

- Indicator LED's – When command is given, appropriate LED's will light to indicate whether the remote is controlling spotlight #1, spotlight #2 or both.
- Spotlight Selector – Depress for 5 seconds to toggle between controlling spotlight #1 only, spotlights #1 and #2 and spotlight #2 only
- Home – from any position will rotate light to 0° position
- Lamp On/Off – Turns lamp on and allows directional commands
- Speed selector – Fast and slow
- Directional Controls – Rotates and tilts spotlight

Figure 4 – ST Wireless Remote



Figure 5 – Stryker® ST Wireless Handheld Remote Features



STRYKER ST WIRELESS REMOTE PAIRING //////////////////////////////////////

PAIRING ST WIRELESS REMOTE TO ST SPOTLIGHT

Each ST wireless remote has a unique operating code. The Stryker® ST spotlight is not paired to the remote at the factory and must be paired by the user before the spotlight will respond to the remote. The spotlight has a learn mode for pairing that is initiated for the first six seconds after power is applied.

To pair:

1. Disconnect power from the spotlight.
2. Set remote for spotlight #1. Depress any directional key to check. The indicator LED for spotlight #1 only should be lit when you do this. If not, depress the spotlight selector button for five seconds to toggle to next setting. You may have to do this twice.
3. Press and hold the on/off key + speed selector key on the remote while simultaneously reconnecting power to the spotlight. After three seconds the lamp will flash three times to confirm the pairing process was successful.

OPTIONAL PAIRING POSSIBILITIES:

It is also possible to pair:

- One ST remote to control two ST spotlights
- Two ST remotes to control one ST spotlight (transmitter duplication)

When using one remote to control two spotlights, the spotlight selector function allows the user to control the spotlights independently or in tandem. For directions on these optional pairing possibilities please see <https://golight.com/stryker-st-support>.



PAIRING 1 REMOTE TO CONTROL 2 ST STRYKER LIGHTS:

1. Press "1-2" button on remote to make sure LED 1 is independently illuminated. If not, depress the "1-2" button for five seconds to toggle to next setting. You may have to do this twice.
2. Press and hold the "power" and "speed" button while connecting power to the ST Stryker light #1. The light will flash 3 times to indicate successful programming.
3. Press "1-2" button on remote until LED 2 is independently illuminated.
4. Press and hold the "power" and "speed" button while connecting power to the ST Stryker light #2. The light will flash 3 times to indicate successful programming.
5. The remote control is now programmed to operate ST Stryker light #1 and ST Stryker light #2 independently or together at the same time
6. To operate both lights at the same time, press "1-2" button until both LED 1 and LED 2 are both illuminated at the same time.

ST REMOTE DUPLICATION PROCESS*

1. Pair Remote #1 to ST Spotlight(s) using Pairing Instructions above
2. Press and hold the "speed" and "left" button on the primary remote control (#1)
3. Press and hold "speed" and "right" button on the secondary remote control (#2)
4. The LEDs on both remote control will begin flashing; This signals a successful program duplication
5. The duplication process can be utilized with as many remotes as desired.

* When utilizing additional remotes you must follow the duplication instructions above. Attempting to pair the remotes separately will cause loss of original programming.

OPERATION & PROPER USE //////////////////////////////////////

1. Connect the power wires as detailed under the Mounting Instructions.
 2. Using the remote, turn on the light by depressing the on/off key. See Figure 5. The dash remote keys will be backlit when the light is on.
 3. With the 4-Way arrows on the remote, rotate or tilt your spotlight to the desired position. The spotlight can be rotated and tilted simultaneously.
 4. The speed of the spotlight rotation or tilt can be controlled by depressing the speed selection key one time and by depressing it again to restore the original speed.
 5. If more than one spotlight is connected to the remote, depressing the spotlight selector key will toggle to control operating either of the two lights individually or both lights simultaneously. Note that the indicator LEDs on the remote will show which spotlight is activated.
 6. Depressing the home key will rotate the spotlight to 0° (forward) horizontal position. The vertical position is not adjusted with the "home" command.
- This light is intended for off-road and utility use only
 - This light is intended to be mounted outside the vehicle while in use
 - This light may only be disassembled and repaired by an authorized representative

WARRANTY, PARTS, END OF LIFE //////////////////////////////////////

FIVE YEAR LIMITED WARRANTY

Golight, Inc. warrants the Stryker® ST against any deemed defects that are due to workmanship for parts or faulty materials, except halogen lamps, for five years from the date of the original purchase. This warranty does not cover damages resulting from unreasonable use or misuse, unreasonable maintenance or loss, or labor costs.

Warranty information must be filled out within 30 days of purchase at:
<https://golight.com/registration/>, for warranty protection.

If the Stryker® ST does fail to operate under warranted specifications, please call 1-800-557-0098 for a Return Goods Authorization number. After receiving an RGA#, send the light and remote controls postage paid to:

Golight, Inc., Attn: RGA# _____
37146 Old Hwy 17, Culbertson, NE 69024-8226.

No C.O.D.'s accepted. Only the above manufacturer is authorized to perform warranty repair or replace product.

Any consequential damages to person or property are excluded from this warranty. Some states do not allow the exclusion and limitation of incidental or consequential damages, therefore the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights.

PARTS / ACCESSORIES

Stryker® ST parts and accessories may be purchased through Golight, Inc. Visit our web store at:
<https://golight.com/accessories-and-parts/> or contact us at 308.278.3131 or 800.557.0098.

END OF USEFUL LIFE

For information regarding the proper disposal/recycling of the spotlight contact Golight at 800.557.0098

BATTERY REPLACEMENT AND DISPOSAL

1. See instructions above for battery installation in the handheld and dash mount remotes
2. Remove old batteries by gripping the positive end of each battery and lifting.
3. Batteries must be installed with proper polarity (positive and negative) as shown inside battery compartment.
4. Properly dispose of used batteries at your local recycling center.

SAFETY & WARNINGS //////////////////////////////////////

- ⚠ **WARNING:** You risk death or serious injury to yourself and others if you do not follow the instructions highlighted by the warning symbol. Failure to follow the specific warnings and instructions could result in personal injury, fire or electrical shock.
- ⚠ **WARNING:** This light is for off-road and utility use only. It is not designed or approved for road use as a driving light.
- ⚠ **WARNING:** The portable mount Stryker® ST spotlight must be removed from the vehicle’s exterior while traveling at excessive speeds and in strong wind conditions.
- ⚠ **WARNING:** This spotlight is not approved for use inside a vehicle or enclosure and power should be disconnected prior to placing the light in such circumstance.
- ⚠ **WARNING:** This spotlight is not approved for underwater use.
- ⚠ **WARNING:** This spotlight is not approved for inverted mounting.
- ⚠ **WARNING:** This spotlight should not be turned on when snap on lens cover (rockguard) is attached.
- ⚠ **WARNING:** This spotlight may be damaged if operated in icing conditions.
- ⚠ **WARNING:** The Stryker® ST spotlight 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.

Important: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. 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.

- ⚠ **WARNING:** 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.

PRODUCT MISUSE

- This spotlight is not approved for inverted mounting
- This spotlight may be damaged if operated in icing conditions
- This spotlight may only be disassembled and repaired by an authorized Golight® representative
- This spotlight should not be turned on when snap on lens cover (rockguard) is attached.
- Any violation of the above referenced misuses or warnings will be considered grounds for warranty refusal

SAFETY PRECAUTIONS

Your Stryker® ST Series wireless spotlight contains a radio transmitter and receiver operating at 2.4 GHz. When the light is on, the internally mounted antennas send out and receive 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 Stryker® ST will not affect the electronic system of your vehicle.

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.