

## ENGLISH

### OPERATING INSTRUCTIONS FOR THE STREAMLIGHT POLYSTINGER® LED HAZ-LO®

Thank you for selecting the POLYSTINGER® LED HAZ-LO®, an intrinsically safe portable professional light. As with any fine tool, reasonable care and maintenance of this product will provide years of dependable service.

Please read this manual before using your POLYSTINGER LED HAZ-LO. It includes important safety and operating instructions and should be saved.

Flashlight must be charged overnight before first use.

### USING THE LIGHT

The POLYSTINGER LED HAZ-LO features a head-mounted push button switch.

- Depress the pushbutton switch once to turn the light on at full intensity.
- Depress and hold the switch for one second for low intensity.
- Depress and hold the switch for ten seconds for very low intensity (Moonlight Mode) and very long run time.
- A single press of the switch from any "on" mode will turn the flashlight off

### SAFETY

A. **CAUTION: LED RADIATION (RG-2) – DO NOT STARE INTO BEAM. May Be Harmful To Eyes.**

B. The POLYSTINGER LED HAZ-LO – Intrinsically Safe flashlight for use in potentially hazardous locations:

- Class I, II, Division 1, Groups C, D, F & G
- Class I, Division 2, Groups A, B, C & D
- Class III, 138°C (T3C)

C. SAVE THESE INSTRUCTIONS. This manual contains important safety, operating and maintenance information for your flashlight and charger.

D. **CAUTION:** To reduce risk of fire, electrical shock, or personal injury, do not attempt to use the charger to recharge any other product. Likewise, do not attempt to charge the POLYSTINGER LED HAZ-LO with any other charger.

E. The POLYSTINGER LED HAZ-LO contains no user-serviceable parts. Do not try to repair the unit or charger yourself. In the event that your light should need repair take it to a Streamlight Authorized Repair Center or return it to the factory.

F. Use only Streamlight battery #76375. The contact arrangement in the flashlight precludes the use of other batteries. Recycle worn out or damaged batteries properly. Do not attempt to incinerate the battery as it may explode in a fire. Handle the battery carefully and never allow it to short circuit.

G. Use of this product for other than a lighting device is not recommended. Streamlight specifically disclaims liability for other than recommended use.

H. Do not open or charge in a potentially hazardous location.

I. **WARNING:** SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

J. **WARNING:** TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, BATTERIES MUST ONLY BE CHANGED IN AN AREA KNOWN TO BE NONHAZARDOUS.

K. Clean only with a damp cloth and mild detergent in an area known to be non-hazardous.

L. To maintain hermetic integrity periodically inspect the housing and o-rings

### CHARGING

Fully charge your flashlight before first use. Several charge/discharge cycles may be needed to achieve full battery capacity. The flashlight may be stored in the charger continuously when not in use.

To charge the flashlight, first turn it off and insert it into the charger. The triangular plate on the head fits into a mating recess in the charger. With the plate toward the charger, slip the barrel of the light between the charger arms and pull downward until it locks into place. The red LED on the charger housing must light to insure that the battery is being charged.

Keep the flashlight and charger contacts clean at all times. Poor contact can cause charger malfunction. An abrasive pencil eraser works well to clean the contacts.

### SMART CHARGER

The SMART charger/holder is equipped with dual power input ports. The overlapping design prevents both the USB input and the 12V DC vehicle input to be connected at the same time. An AC/USB power supply with custom USB cable is supplied to attach to the charger/holder. Place the micro-USB plug of the USB cable (SL logo up) into the USB connector sleeve (marked with SL logo) that is located on the base of the SMART charger/holder. The micro-USB plug and connector on the charger base are keyed and contain a locking feature and will "snap" into place. Connect the AC/USB power supply to a wall outlet. The charger may also be connected to any other standard, powered USB outlet (charge time may increase).

Charge time:

- 5V/1A USB input: approximately 5.5 hours.
- 12V DC input: approximately 2 hours.

### SMART CHARGER LED INDICATORS

The red LED on the charger housing must light to ensure that the battery is being charged.

- Charging...LED is steady.
- Charged...LED pulses shortly every second.

- Error...LED pulses rapidly. This may be caused by out of range temperature or input voltage.

- It is normal for the indicator to switch between steady and blink

### STEADY CHARGER

Full charge in 12 hours. Red LED remains on as long as flashlight is in the charger.

**Before mounting a Streamlight charger in a vehicle, please read the following sections.**

### CHARGER MOUNTING

The charger should never be mounted against a hot surface.

Before drilling any holes, make sure there is sufficient clearance to insert and remove the flashlight.

Two (2) self-tapping #8 x 2" screws are included to mount the charger. The correct size hole for these screws in sheet metal is 1/8".

### VEHICULAR CHARGING

A 12V DC power cord (#22051) is equipped with a cigarette plug and is available for mounting a Streamlight charger in a vehicle. The plug can be removed and the wires can be attached directly to a power source for a more permanent installation. (A two amp fuse must be used on the positive lead.)

**IMPORTANT:** Before making electrical connections in a vehicle, keep in mind that a shorted auto battery can easily start a fire. Make all connections with insulated lugs or other connectors intended for such use. Be sure that your installation is fused.

The striped power lead is positive and the unmarked lead is negative. When connecting the charger to a fuse block the striped, positive power lead goes to the connector that is dead when the vehicle's fuse is removed. The charger body is electrically isolated from the charge circuit and allows positive ground installations. The charger is diode protected and if connected in reverse polarity simply won't operate until connected properly.

Streamlight recommends connecting chargers to an unswitched source of power to ensure the flashlight is always fully charged. If the vehicle will not be driven for several days, the flashlight should be removed from the charger to avoid vehicle battery drain.

Charging the flashlight with a Steady Charger draws a constant .2 amperes from a vehicle.

The Smart Charger with 12V power will draw approximately .9 amps for up to 2.5 hours during the charging period. During maintenance charge, current is reduced to less than .05 amps.

### BATTERY REPLACEMENT

POLYSTINGER LED HAZ-LO is a hazardous location listed light. Battery replacement should be performed by a Streamlight Authorized Repair Center or return it to the factory.

### SERVICE

Go to [www.streamlight.com](http://www.streamlight.com) for the location of an authorized Streamlight repair center near you.

For expedited service, go to [www.streamlight.com/support/service](http://www.streamlight.com/support/service) and complete the Online Service Request.

Or contact:

Customer Service  
STREAMLIGHT, INC.  
30 Eagleville Road  
Suite 100

Eagleville, PA U.S.A. 19403-3996

Phone: (800) 523-7488 Toll-Free / +1 (610) 631-0600

Fax: (800) 220-7007 / +1 (610) 631-0712

### Streamlight's Limited Lifetime Warranty

Streamlight warrants this product to be free of defects for a lifetime of use except for batteries and bulbs, abuse and normal wear. We will repair, replace, or refund the purchase price of this product should we determine it to be defective. This limited lifetime warranty also excludes rechargeable batteries, chargers, switches and electronics which have a 2 year warranty with proof of purchase. **THIS IS THE ONLY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARE EXPRESSLY DISCLAIMED EXCEPT WHERE SUCH LIMITATION IS PROHIBITED BY LAW.** You may have other specific legal rights which vary by jurisdiction.

Go to [www.streamlight.com/support](http://www.streamlight.com/support) for a complete copy of the warranty, and information on product registration and the location of authorized service centers. Retain your receipt for proof of purchase

Serial # \_\_\_\_\_

Date of Purchase \_\_\_\_\_