



Spot

MM5923_H

BlackDiamondEquipment.com

ENGLISH

INSTRUCTIONS FOR USE

SPOT LED HEADLAMP

Battery Life: Your battery life will vary depending upon these factors:

- ◆ Brand and freshness of batteries.
- ◆ “Recovery time” or time when lamp has not been on.
- ◆ Temperature.
- ◆ Lamp settings used.

IMPORTANT: Follow all instructions carefully. Any modifications of this product will void the warranty. Misuse of the headlamp may cause the user harm.

BATTERIES (Illustrations 2, 3, 4 and 5)

- ◆ Use AAA alkaline, lithium or rechargeable batteries.
- ◆ Do not mix old and new batteries or batteries of different types.
- ◆ Dispose of the used batteries properly.
- ◆ Remove the batteries during storage and transport.

BATTERY METER

When the light is powered on in white mode, the battery meter on the side of the headlamp will show for 3 seconds:

- ◆ Green: > 50% power remaining.
- ◆ Orange: 25-50% power remaining.
- ◆ Red: < 25% power remaining. The red low-battery indicator remains on while the light batteries are replaced.

Amount of power remaining applies to the headlamp's current setting and mode. To extend battery life, use the dimming feature or switch to proximity mode.

MODES (Illustrations 6 and 7)

The Spot's modes and settings make it one of our most versatile headlamps. They include: full strength and dimming in distance or proximity mode, red night vision and strobe illumination. A lockout feature prevents accidental battery drain.

- ◆ **Power On/Off:** Single Click. The Main LED will always turn on initially at 75% of maximum brightness.
- ◆ **Proximity Light:** With power off, a double click will turn on the proximity LEDs. The proximity LEDs also initially come on at 75% maximum brightness.
- ◆ **Brightness Level Setting:** Hold the switch down while powered on in any mode. The lamp will immediately jump to maximum brightness and then begin to dim. Hold and release switch when desired brightness level is reached. When a maximum or minimum brightness level is reached, the light will flash, and then reverse.
- ◆ **Night Vision:** With power off, hold the switch down for 3 seconds and release when the red LEDs power on. The light will remain in night vision mode when powered off. To return to white mode, hold the switch down for 3 seconds while powered off and release when the white mode powers on.
- ◆ **Strobe:** With power off in either red night vision or white mode, use three quick clicks.
- ◆ **Lockout:** With power off in white mode, hold the switch for 6 seconds. The red mode will activate first, and then the blue lockout indicator will activate in the battery power meter window. To unlock, hold the switch down for 6 seconds and release when the white mode powers on. To

prevent accidental battery drain, the light will revert to lockout mode if the switch is not released.

- ◆ **PowerTap™** : The right side (when wearing the lamp) of the Spot lamp has the PowerTap sensor (Illustration 7). A simple touch and release on the indicated surface will bring the lamp up to 100% brightness. A second touch/release will change the brightness back to the pre-set level. The touch and release must occur within 2 seconds to change the brightness level.

ATTACHING AND ADJUSTING THE ELASTIC HEAD STRAP

The Spot can also be attached to webbing on packs, harnesses and waistbelts by following the same procedure. When the elastic head strap is properly installed, the elastic will be in direct contact with your forehead. To loosen or tighten the head strap, slide the plastic adjuster forward or backward.

CONDITIONS OF USE

The Spot is waterproof rated to IPX4. It will continue to function when subjected to water spray at any angle. This does not include salt spray or high-alkalinity fluids. It is normal for water to enter the battery housing—the headlamp will still function under these circumstances, however, battery life will be diminished. See **CARE AND CLEANING** for instructions on how to dry your headlamp.

- ◆ Do not use the Spot at, or expose it to, temperatures above 140° F (60° C).
- ◆ At very cold temperatures battery power and life will be diminished.
- ◆ To avoid scratching the lens, do not place the headlamp lens down on a surface.

CARE AND CLEANING

Ensure that your headlamp is clean and dry before and after each use and before storage. **DO NOT STORE A WET HEADLAMP.** To dry, turn your headlamp off and open the battery door. Remove the batteries and allow the housing to air dry thoroughly before closing it.

- ◆ Do not artificially heat your headlamp to dry it.
- ◆ If your headlamp has been exposed to salt water, it must be rinsed with fresh water, dried and assembled to prevent corrosion.
- ◆ Use a mild soap and freshwater rinse to clean the elastic strap.
- ◆ Do not clean with a washing machine, dishwasher or high-pressure hose.
- ◆ Do not scrub with abrasive substances or surfaces.
- ◆ If the battery contacts are corroded, remove the corrosion by sanding lightly with a fine-grain emery cloth.

TROUBLESHOOTING

If the Spot does not work:

- ◆ Check that the batteries are oriented correctly and touching the contacts.
- ◆ Replace the batteries.
- ◆ Check the contacts and connections for corrosion and clean if necessary.
- ◆ Work the switch several times.

No luck? Contact your Black Diamond Dealer or BlackDiamond.com.

SPARE PARTS

There are no user replacement parts for this headlamp other than the batteries and elastic headband.

The Black Diamond Spot meets the requirements of the EMC (electromagnetic compatibility) Directive 89/336/EEC.

WARNINGS

- ◆ A responsible adult must supervise use by children under the age of 12.
- ◆ To reduce the risk of strangulation, do not place the headlamp straps around your neck.

- ◆ Always inspect your headlamp for proper operation prior to using and, for critical situations, carry a second light and sufficient spare batteries.
 - ◆ Do not stare directly into the beam or shine it directly into others' eyes. Intense light can damage your eyes or the eyes of those around you.
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Black Diamond Equipment is not responsible for the consequences, whether direct, indirect, or accidental, or for any other type of damage arising or resulting from the use of its products. You are responsible for your actions and activities and for any consequences that may result from them.

LIMITED WARRANTY

We warrant for one year from purchase date and only to the original retail buyer (Buyer) that our products (Products) are free from defects in material and workmanship. For lighting products, our warranty is for three years. If Buyer discovers a covered defect, Buyer should return the Product to the place of purchase. In the event that this is not possible, return the Product to us at the address provided. The Product will be repaired or replaced at our discretion. That is the extent of our liability under this Warranty and, upon expiration of the applicable warranty period, all such liability shall terminate. We reserve the right to require proof of purchase for all warranty claims.

Warranty Exclusions:

We do not warranty Products against normal wear and tear (such as ski edge cuts and abrasions, outsole wear, etc.), unauthorized modifications or alterations, improper use, improper maintenance, accident, misuse, negligence, damage, or if the Product is used for a purpose for which it was not designed. This Warranty gives you specific rights, and you may also have other rights which vary from state to state. Except as expressly stated in this Warranty, we shall not be liable for direct, indirect, incidental, or other types of damages arising out of, or resulting from the use of Product. This Warranty is in lieu of all other warranties, express or implied, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose (some states do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on the duration of an implied warranty, so the above exclusions may not apply to you).

This product is protected by one or more of the following patents: US6249089B1, US6621225B2, US6650066B2, EP1120018B1, EP1206168B1. Other patents pending.

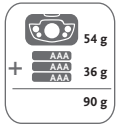


Illustration 1

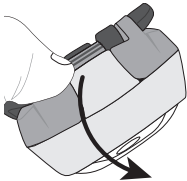


Illustration 2

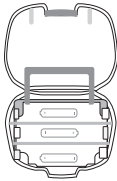


Illustration 3



Illustration 4

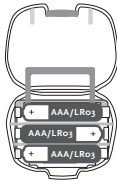


Illustration 5

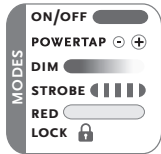


Illustration 6

1 CLICK =

1 TAP =

HOLD =

3 CLICK =

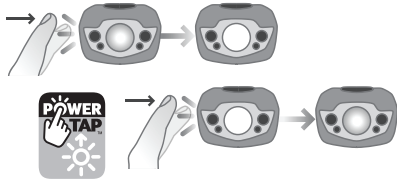


Illustration 7

1 TriplePower LED

MAX



LUMENS



70 H



75 M

MIN



LUMENS



200 H



8 M

2 SinglePower LEDs

MAX



LUMENS



17 H



10 M

MIN



LUMENS



80 H



2 M

DISTANCE WITH FRESH BATTERIES PORTÉE AVEC DES PILE NUEYES LEUCHTWEITE (NEUE BATTERIEN)

T MIN MAX	1 TriplePower LED			T MIN MAX	2 SinglePower LEDs		
	0:00 H	0:30 H	10 H		0:00 H	0:30 H	10 H
	75 M	62 M	11 M		10 M	9 M	3 M
	10 M	10 M	9 M		2 M	2 M	1 M

T = time (Temps/Zeit)

Distance measured at time intervals.

Distance d'éclairage mesurée à différents intervalles de temps.

Brennweite in Zeitintervallen gemessen.