Fenix HL32R Headlamp

Technical Parameters

ANSI/PLATO FL1	General Mode					Functional Mode			Burst Mode
	Turbo	**High**	**Med**	**Low**	**Eco**	**Red**	**SOS**	**Red Flash**	
Output	300 Lumens	130 Lumens	70 Lumens	30 Lumens	4 Lumens	1 Lumen	30 Lumens	1 Lumen	600 Lumens
Runtime	4.5h	14h	24h	60h	200h	100h	120h	200h	1h*
Distance	49m	34m	23m	16m	7m	4m	16m	4m	73m
Intensity	593cd	290cd	137cd	65cd	13cd	4cd	65cd	4cd	1,333cd
Impact Resistance	1m								
Waterproof	IP66								

Notice: The abovementioned parameters (lab-tested by Fenix using one 2000mAh Li-polymer battery) may vary betweenr headlamps and environments.

1. *The runtime of Burst mode is the accumulated time without time-limited downshifting and overheat protection.

2. The runtime of the headlamp is configured to allow constant brightness per stage, meaning that as battery level decreases, brightness will be downshifted in order to maintain good runtime. This ensures that your headlamp will continue to deliver light for a long time while outdoors.

- Cree XP-G3 white light LED, with lifespan of 50,000 hours
- Nichia red light LED
- Built-in 2000mAh Li-polymer battery
- 64mm Length x 46mm Width x 37.5mm Height
- 108 grams (including headband and battery)
- Dual switches control for easy and fast operation
- Micro USB port, 5V/1A charging
- Charging and battery level indication
- Lockout function
- IP66 rated protection
- Made of quality plastics and aluminum alloy

Operating Instruction

Switches

General: controls General mode, output selection and mode switching

Functional: controls Functional mode, output selection and mode switching

General Mode①

ON/OFF

Press and hold the General switch for 0.5 seconds, the lamp will be activated at Eco (no memory circuit), press and hold any switch for 0.5 seconds to turn off the lamp.

Output Selection

With the lamp switched on, single click the General switch to cycle through Eco → Low → Med → High → Turbo.

Functional Mode②

ON/OFF

Press and hold the Functional switch for 0.5 seconds, the lamp will be activated at Red (no memory circuit), press and hold any switch for 0.5 seconds to turn off the lamp.

Output Selection

With the lamp switched on, single click the Functional switch to cycle through Red → SOS → Red flash.

Mode Switching

With the lamp on General mode, single click the Functional switch to enter Functional mode.

With the lamp on Functional mode, single click the General switch to enter General mode.

Burst Mode①

In any status, press and hold the any switch for 1.2 seconds to enter Burst mode. The lamp will exit Burst mode after 1 minute or by any other operation.

Overheat Protection

The lamp will accumulate a lot of heat when used on Turbo mode for extended periods. To avoid high surface temperature it will automatically downshift to High output level to reduce temperature.

Lockout Function

Lock: with the lamp switched off, press any switch or simultaneously press the two switches for 3 seconds. Lamp will switch off and 4 2Hz blinks will indicate locked status.

Unlock: with the lamp switched off, simultaneously press the two switches for 3 seconds. The lamp will be unlocked and activated on Red after 4 2Hz blinks.

Locked Status

In locked status, clicking or pressing the headlamp will activate 4 2Hz blinks on Red to indicate locked status.

Power Supply

The built-in 2000mAh Li-polymer battery is irreplaceable, and Micro USB rechargeable.

Note: Recharge a stored headlamp every four months to maintain optimum performance of the battery in case the lamp could be damaged by electrolyte leakage or battery explosion.

Charging

Operation ⑤

Uncover the anti-dust cap and plug the Micro USB side of the charging cable into the charging port of the lamp. The normal charging time is about 4 hours.

Indication ④

One flashes: lower than 20%

One constant on, one flashes: 20% - 50%

Two constant on, one flashes: 50% - 80%

Three constant on, one flashes: 80% - 95%

Four constant on: fully charged

Note: The headlamp can only be used on Low output when charging.

Battery Level Indication

When the lamp is turned off, single click the Functional switch, the battery level indicators will display the battery status for 3 seconds.

4 constant-on blue : 80% - 100%

3 constant-on blue: 60% - 80%

2 constant-on blue: 40% - 60%

1 constant-on blue: 20% - 40%

1 flashes blue: lower than 20%

Note: The battery level indicators will display the battery status each time when the lamp is turned on on General mode.

Headband Assembly ⑥

Notice: The headband is factory assembled by default.

Step 1: Attach the headband to the headlamp as shown (Pic I-VIII).

Step 2: Adjust the headband by sliding the buckle to required length.

Usage and Maintenance

● Disassembling the sealed head can cause damage to the headlamp and will void the warranty.

● Fenix strongly recommends using the brightness reasonably to maintain enough and extended runtime

If the above methods don't work, please contact your authorized distributor.

Included

1 x Headband, 1 x Charging cable , 1 x Warranty card, 1 x User manual

Warning

The headlamp is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the lamp directly into anyone's eyes.