(ENGLISH)Fenix HL17R Headlamp

Technical Parameters

ANSI/PLATO FL1	General Mode				Scene Mode				
	High	**Med**	**Low**	**Eco**	**Read**	**Red light**	**Red & blue flash**	**RGB**	**Aurora**
OUTPUT	500 lumens	150 lumens	30 lumens	5 lumens	15 lumens	3 lumens	3 lumens	2 lumens	2 lumens
RUNTIME	2 hours 50 minutes*	5 hours 30 minutes	23 hours	96 hours 50 minutes	8 hours 55 minutes	11 hours 35 minutes	/	/	/
DISTANCE	100 meters	55 meters	25 meters	10 meters	/	/	/	/	/
INTENSITY	2630 candela	776 candela	146 candela	25 candela	/	/	/	/	/
IMPACT RESISTANCE	1 meter								
WATERPROOF	IP66								

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using one built-in 1000mAh battery under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments.

*The High output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

Warning

◎Do NOT place this headlamp in the reach of children!

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

◎Do NOT shine the headlamp directly into the eyes of anyone!

◎This headlamp will accumulate a significant amount of heat while operating, resulting in a high temperature of the lamp shell. Pay close attention to avoid burns!

◎Do NOT place light head near flammable objects, high temperatures can cause objects to overheat and become flammable/ignite!

◎Turn off and lock the headlamp to prevent accidental activation when the headlamp is placed in a closed and flammable environment such as pockets and backpacks!

◎Do NOT use the headlamp in inappropriate ways such as holding the unit in your mouth, doing so could cause serious personal injury or death if the headlamp or internal battery fails!

◎The LED of this headlamp is not replaceable; so the whole headlamp should be replaced when the LED reaches the end of its lifespan.

Product features

◎500 lumens maximum output, 100 meters maximum beam distance.

◎Uses one Luminus SST20 LED with a lifespan of 50,000 hours.

◎Included quick-release accessories (back clip&mount) allow the headlamp to be worn on the head, held in hand or attached to the chest, or secured to metal surfaces as a work light.

◎Five atmospheric lighting effects and four brightness levels of white light for lighting needs in commuting, camping, emergencies, and other occasions.

◎Innovative dual-section elastic headband disperses pressure, providing a weightless wearing experience.

◎Powered by a built-in 1000mAh battery that provides a runtime of 96 hours 50 minutes on Eco output.

◎Gesture-sensing function - the headlamp can be turned on or off with a wave of the hand.

◎Two electronic switches and a rotatable light ring ensure effortless and single-handed operation, even when wearing gloves.

◎Directional and rotatable quick-release mount allows you to secure the optimal lighting angle.

◎Battery level indication and low-voltage warning.

◎Size: 2.75'' x 1.59'' x 1.46''/69.9 × 40.4 × 37 mm(including mount); 2.67'' x 1.42'' x 1.17''/67.7 × 36 × 29.6 mm(excluding mount).

◎Weight: 2.29 oz/65 g (including battery).

Operating Instructions

On/Off

With the lamp locked, rotate the light ring clockwise to unlock and turn on the lamp.

With the lamp turned on, rotate the light ring counterclockwise to "🔒" to turn off and lock the lamp.

With the lamp unlocked, press and hold the ON/OFF switch"⏻" for 0.5 seconds to turn on/off the lamp.

Mode Switching

Rotate the light ring clockwise to select General mode→Scene mode.

Output Selection

General mode: With the lamp turned on, single click the ON/OFF switch"⏻" to cycle through Eco→Low→Med→High.

Scene mode: With the lamp turned on, single click the ON/OFF switch"⏻" to cycle through Read→Red light→Red & blue flash→RGB→Aurora.

Intelligent Memory Circuit

The headlamp automatically memorizes the last selected output of the General mode and the Scene mode. When turned on again in either mode, the previously used output of the currently selected mode will be recalled.

Gesture-Sensing Function

With the lamp turned on, press and hold the sensor switch"📶", the lamp will blink white three times, and the gesture-sensing function indicator will blink blue to indicate that this function is enabled. After enabling this function, you can wave your hand to turn on/off the lamp. With the lamp turned on, press and hold the sensor switch"📶" again to disable this function.

Note:

1. Turning off or locking the lamp will disable the gesture-sensing function. If you want to use this function, please re-enable it after turning on the lamp.

2. The sensing range is within about 3.94 in/10 cm in front of the lamp, and may vary slightly depending on the material and color of the sensing object, the ambient light, the brightness of the selected output, and the waving speed.

3. The gesture-sensing function is infrared sensing. If any other objects besides your hand pass in front of the

lamp within the sensing range, the lamp will also be turned on or off.

Lock/Unlock

Lock: With the lamp turned on, rotate the light ring counterclockwise to "🔒" to lock the lamp.

Unlock: Rotate the light ring clockwise to unlock the lamp and enter the previously used output of the currently selected mode.

Headlamp mount attachment and detachment

Attach: Rotate the headlamp counterclockwise. Follow the direction opposite to the arrow sign on the mount and snap the headlamp into place by pushing it diagonally downward.

Detach: Rotate the headlamp clockwise. Follow the direction indicated by the arrow sign on the mount and snap the headlamp off the mount by pulling it diagonally upward.

Charging

1. Turn off the headlamp and connect the USB Type-C end of the charging cable to the charging port of the lamp. When the headlamp is attached to the mount, rotate the headlamp clockwise or counterclockwise to fully reveal the USB Type-C charging port of the headlamp before charging.

2. The battery level indicator will display red while charging and will turn green when fully charged.

3. Once charging is completed, be sure to unplug the charging cable for normal use.

Note: All outputs can be turned on while charging, except for High output.

Battery level indication

With the lamp turned off, single click either switch to check the current battery level, the battery level indicator will indicate the battery level and will last for 3 seconds. Each time the lamp is turned on, the battery level indicator will indicate the battery level and will last for 3 seconds.

Green light on: saturated 100% - 85%

Green light flashes: sufficient 85% - 50%

Red light on: poor 50% - 25%

Red light flashes: critical 25% - 1%

Intelligent Overheat Protection

The headlamp will accumulate a lot of heat when used at high output levels for extended periods. When the headlamp reaches a temperature of 60°C/140°F or above, it will automatically step down a few lumens to

reduce the temperature. When the temperature drops below 60°C/140°F, the headlamp will gradually recall the preset output level. If you want the headlamp to continue working at high output levels, make sure to manually reselect those output levels as needed.

Low-voltage Warning

When the voltage level drops below the preset level, the headlamp is programmed to reduce the brightness level gradually, and the battery level indicator blinks red to remind you to recharge the battery in a timely manner. To ensure normal use, the headlamp will not turn off automatically, and the battery level indicator will keep blinking red till the battery runs out.

Usage and Maintenance

◎Recharge the battery in time to ensure normal use for next time.

◎Recharge a stored lamp every four months to maintain the optimum performance of the battery.

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

◎Lock the headlamp to prevent accidental activation during storage or transportation.

Included

Fenix HL17R headlamp, USB Type-C charging cable, Back clip, User manual, Warranty card