Fenix HL18RW Headlamp

Technical Parameters

ANSI/PLATO FL1		Spotlight			Floodlight		
		High	**Med**	**Low**	**High**	**Low**	**SOS**
Output		500 lumens	130 lumens	30 lumens	30 lumens	4 lumens	30 lumens
Runtime	**Li-polymer**	9 hours*	18 hours	70 hours	60 hours	150 hours	120 hours
	Pairdeer AAA	6 hours*	17 hours	78 hours	48 hours	150 hours	96 hours
		85 meters	40 meters	18 meters	12 meters	5 meters	12 meters
		1783 candela	398 candela	78 candela	39 candela	8 candela	39 candela
Impact		1 meter					
		IP66					

Note: The above specifications are the test results given by Fenix through its laboratory testing using one 1300mAh Li-polymer battery pack and three PAIRDEER AAA batteries under the temperature of 21±3℃ and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

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

Product Features

- Cree XP-G3 S3 and Everlight 2835 white lights, with lifespan of 50,000 hours.
- Uses 1300 mAh Li-polymer battery pack, compatible with 3 AAA Ni-MH/Alkaline batteries (charging prohibited).
- Ultralow standby current 1μA, reduces battery leakage with dry cell inserted.

- Lockout function.
- Dual switches for easy and fast operation.
- Three spotlight and two floodlight output levels, SOS.
- Micro USB charging port, 5V/1A.
- Battery level indication.
- 60° tilt mechanism directs the beam where needed.
- IP66 rated protection.
- Made of quality plastics and aluminum, three times injection molding process saves O-ring.
- 2.27'' x 1.67'' x 1.46'' / 57.7 x 42.3 x 37 mm
- 2.82 oz / 80 grams (including battery & headband)

Operating Instruction ①

Switches

Spotlight switch: for on/off, mode switching , lockout function and output selection on spotlight mode.

Floodlight switch: for on/off, mode switching , lockout function and output selection on floodlight mode.

On/off

Press and hold either of the two switches for 0.5 seconds to turn on the lamp. Corresponding low output level is selected by default. Press and hold either of the switch for 0.5 seconds to turn off the lamp.

Mode Switching

With the lamp switched on, single click either of the two switches to reach the corresponding mode.

Output Selection

Spotlight mode: Single click the spotlight switch to cycle through Low→Med→High.
Floodlight mode: Single click the floodlight switch to cycle through Low→High→SOS.

Lockout Function

Lock: With the lamp switched off, press and hold either of the two switches, or simultaneously press the two switches for 3 seconds, the lamp will blink twice to indicate locked status.

Unlock: With the lamp is locked, simultaneously press the two switches for 3 seconds, the lamp will be activated with 3 one-second blinks and activated on Low of floodlight mode.
In locked status, clicking or pressing the switches will activate 3 one-second blinks to indicate locked status.

Intelligent Protection

The lamp will accumulate a lot of heat when used on High output level for extended periods. The lamp will automatically step down by a few lumens to reduce temperature.

Charging ②

Operation

Uncover the anti-dust cap and plug the Micro USB side of the charging cable into the charging port of the lamp. The four constant-on indicators shows the lamp is fully charged. The normal charging time is about 2.5 hours with the lamp being switched off.

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

Battery Level Indication ③

The indicators will display the the battery status for 3 seconds each time when the lamp is switched on. With the lamp switched off, single click either switch to check the battery status, single click once again the lamp will go out immediately, or without any operation the status will last for 3 seconds. There will be no response with the lamp locked.

Four lights on: saturated, 100% - 80%

Three lights on: sufficient, 80% - 60%

Two lights on: poor, 60% - 40%

One light on: critical, 40% - 20%

One light flashes: 20% - 0%

Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Fenix ARB-LP-1300	43 x 31 x 10.5 mm	3.7 V	Recommended	√√
Ni-MH Battery	AAA	1.2 V	Usable (No charging)	√
Alkaline Battery	AAA	1.5 V	Usable (No charging)	√

1. Recharge a stored headlamp every four months to maintain optimal Li-polymer battery performance.

2. If the lamp will not be used for an extended period, remove the AAA batteries from the lamp in case of damage by electrolyte leakage.

Battery Replacement ④

1. Pull battery cover latch that is located between the switches to open the tail cap.

2. Insert the batteries in accordance with the polarity marks.

3. Replace the tail cap.

Headband Assembly ⑤

Notice: The headband is factory assembled by default.

Step 1: Attach the headband to the headlamp as shown (Pic 1), by first sliding the band down to the bottom of the slots. Then hook the top edge under the top slot.

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 quality rechargeable Ni-MH battery, alkaline battery will

shorten the runtime with the lamp switched on high output.

Included

HL18RW headlamp, ARB-LP1300 Li-polymer battery pack, headband, charging cable, user manual, warranty card

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.