# Fenix HL18R Headlamp

HL18R is a high-performance headlamp features dual lights and multiple power sources. The lamp emits a max output of 400 lumens and runtime of 150 hours; dual modes, fours levels of spotlight and two of floodlight plus SOS are suitable for various lighting demands. In addition, charging ability, AAA battery choice, it is a unmatched choice for camping, reading, running, repairing and night fishing.

## Technical Parameters

| ANSI/PLATO FL1 | | Spotlight | | | | Floodlight | | |
|---|---|---|---|---|---|---|---|---|
| | | Turbo | High | Med | Low | High | Low | SOS |
| Output | | 400 lumens | 130 lumens | 70 lumens | 30 lumens | 30 lumens | 4 lumens | 30 lumens |
| Runtime | Li-polymer | 8.5 hours | 12.5 hours | 17.5 hours | 48 hours | 54 hours | 145 hours | 72 hours |
| | Pairdeer Alkaline AAA | 9 hours | 14 hours | 22 hours | 48 hours | 56 hours | 150 hours | 80 hours |
| | Sanyo Ni-MH AAA | 9 hours | 14 hours | 22 hours | 48 hours | 56 hours | 150 hours | 80 hours |
| Distance | | 76 meters | 40 meters | 30 meters | 20 meters | 10 meters | 5 meters | 6 meters |
| Intensity | | 1466 candelas 420 candelas | 225 candelas | 92 candelas | 27 candelas | 6 candelas | 30 candelas | |
| Impact Resistance | | 1 meter | | | | | | |
| Waterproof | | IP66 | | | | | | |

Test condition: one ARB-LP-1300 li-polymer battery pack, 3 Pairdeer AAA, 3 Sanyo AAA, temperature 21 ± 3℃, humidity 50% - 80%.

## Product Features

- Cree XP-G3 warm white and Everlight 2835 white light, with lifespan of 50,000 hours.
- 1300 mAh Li-polymer battery pack, compatible with 3 AAA Ni-MH/Alkaline batteries.
- Ultralow standby current 1μA, reduces battery leakage with inserted dry cell.
- Lockout function.
- Dual switches for easy and fast operation.
- Four spotlight plus two floodlight output levels.
- Micro USB charging port, 5V/1A.
- Battery level indication.
- Spot beam angle of 13°, flood beam angle of 84°.
- 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'' Length x 1.67'' Width x 1.46'' Height / 57.7 x 42.3 x 37 mm

- Weight: 2.82 oz / 80 grams (including battery & headlamp)

## Operating Instruction

**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 to turn on/off the lamp. Low output level is selected by default.

**Mode Switching**

With the light 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→Turbo.
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.

## Charging

**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

The indicators will display 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% - 81%
Three lights on: sufficient, 80% - 61%

Two lights on: poor, 60% - 41%

One light on: critical, 40% - 21%

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. Do not mix batteries of different brands, sizes, capacities or types. Doing so may cause damage to the headlamp or the batteries being used.
2. If the lamp will not be used for an extended period, remove the battery, or the lamp could be damaged by electrolyte leakage.

## Battery Replacement

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 battery cap.

## Overheat Protection

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

## Headband Assembly

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

HL18R, ARB-LP-1300 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.