Fenix HL18R-T v2.0

Fenix HL18R-T V2.0 Trail Running Headlamp Instruction Manual

Brand: Fenix | Model: HL18R-T v2.0

Introduction

The Fenix HL18R-T V2.0 is a high-performance trail running headlamp designed for outdoor enthusiasts. It offers versatile lighting options, comfortable wear, and robust durability for various activities.

- **Powerful Running Headlamp:** Features white light and warm white beams, providing 800 lumens and a throw of up to 136 yards.
- **Versatile Outputs:** Includes 4 White, 4 Warm White, and 2 Red Light modes. White for visibility, Warm White to reduce eye strain, and Red to signal or preserve night vision.
- **Dual Fuel Options:** Can be charged via its USB-C port or powered by 3 x AAA batteries.
- **Lightweight:** Weighs only 3.63 oz with a SPORT headband for comfortable wearing.
- **Durable:** IP66 waterproof rating and 1-meter impact resistance ensure readiness in any weather.

What's in the Box

- Fenix HL18R-T V2.0 Headlamp
- Fenix ARB-LP1900 Battery (included)
- USB Type-C Charging Cable
- Head Band

Setup

Battery Installation

The HL18R-T V2.0 headlamp supports dual power options: the included Fenix ARB-LP1900 rechargeable battery pack or three AAA batteries.

1. To access the battery compartment, open the hinge on the side of the headlamp.
2. Locate the latch and pull it back to open the battery door.
3. Insert the Fenix ARB-LP1900 battery pack or three AAA batteries, ensuring correct polarity.
4. Close the battery door securely until the latch clicks into place.



The Fenix HL18R-T V2.0 headlamp is shown next to its two battery options: the Fenix ARB-LP1900 rechargeable battery pack and three AAA batteries, highlighting its versatile power source capabilities.

Headband Adjustment

The headlamp features a SPORT headband fit system for quick and easy adjustment.

1. Place the headlamp on your head.
2. To loosen the headband, twist the knob counter-clockwise.
3. To tighten the headband for a secure fit, twist the knob clockwise.



A person is shown adjusting the SPORT headband of the Fenix HL18R-T V2.0 headlamp to their desired size, demonstrating the ease of fit adjustment.

Operating Instructions

Power On/Off

- **To Turn On:** Press and hold either of the two top switches for 0.5 seconds to enter the White light mode

or Warm white light mode.

- **To Turn Off:** Press and hold either switch for 0.5 seconds.

Mode Switching

- **White/Warm White Light Modes:** With the lamp switched on, single-click the corresponding switch (snowflake for cool white, sun for warm white) to cycle through Low → Med → High → Turbo.
- **Red Light Mode:** With the lamp switched off, double-click either switch within 0.5 seconds to enter the Red light mode. Single-click to cycle between Constant-on and SOS.

The Fenix HL18R-T V2.0 headlamp is shown on a rock, highlighting its dual top switches for precise operation and output selection.

Lockout Function

To prevent accidental activation, the headlamp features a unique slide lock switch.

- **To Lock:** Slide the lock switch down. The lamp will blink four times on low output warm light to confirm it's locked.
- **To Unlock:** Slide the lock switch up. The lamp will blink four times on low output warm light to confirm it's unlocked.



A side view of the Fenix HL18R-T V2.0 headlamp clearly displays its slide lock switch, designed to prevent accidental activation.

Features

Light Modes and Brightness

The HL18R-T V2.0 offers a variety of light modes to suit different needs:

- **White Light:** Ideal for general illumination and long-distance visibility.
- **Warm White Light:** Reduces eye strain and cuts through fog, rain, and dust more effectively.
- **Red Light:** Preserves night vision and can be used for signaling (Constant-on and SOS modes).



This image illustrates the three distinct light outputs of the Fenix HL18R-T V2.0 headlamp: bright White Light, softer Warm Light, and signaling Red Light.

Waterproof and Impact Resistance

With an IP66 rating, the headlamp is fully dustproof and protected against powerful water jets, making it suitable for use in heavy rain. It also boasts an impact resistance of 1 meter, ensuring durability against accidental drops.

Maintenance

Charging

The HL18R-T V2.0 features a built-in USB Type-C charging port for convenient recharging of the Fenix ARB-LP1900 battery. The battery level indicators keep you informed of the battery status in real-time.

- Connect the USB Type-C charging cable to the headlamp's port.
- Connect the other end of the cable to a power source.
- Charging typically takes 3 hours for a full charge.
- The battery indicators will show the charging progress and remaining battery level.



The Fenix HL18R-T V2.0 headlamp is shown connected to a USB-C cable, illustrating the charging process with visible battery level indicators.

Troubleshooting

If you encounter any issues with your Fenix HL18R-T V2.0 headlamp, please consider the following:

- **No Light Output:** Check if the battery is properly installed and charged. Ensure the lockout function is disengaged.
- **Dim Light:** Recharge the battery. If using AAA batteries, replace them with fresh ones.
- **Intermittent Operation:** Clean the battery contacts. Ensure the battery compartment is sealed correctly.

For further assistance, please refer to the warranty and support section.

Specifications

Feature	Value
Special Feature	Adjustable Light Modes, Durable, High Lumens, Rechargeable, Weatherproof
Color	Black
Power Source	Battery Powered
Light Source Type	LED
Material	Polycarbonate
White Brightness	800 Lumens
Light Path Distance	126 Meters
Battery Type	Lithium Ion (Fenix ARB-LP1900 included) or 3x AAA
Runtime	Up to 160 hours
Water Resistance Level	Waterproof (IP66)
Mounting Type	Head Mount
Item Dimensions L x W x H	1.22"L x 2.26"W x 1.85"H
Item Weight	3.63 ounces (with battery)

Official Product Video

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This video, titled "Fenix HL18R-T V2.0: The Headlamp Built for Every Adventure!" by Lumen Tactical, provides a comprehensive overview of the headlamp's features and capabilities, demonstrating its use in various adventure scenarios.

Warranty and Support

The Fenix HL18R-T V2.0 comes with a **5-year manufacturer warranty** from the purchase date. For any support inquiries or warranty claims, please contact Fenixlight Limited directly or visit their official website. For more information, visit the Fenix Store on Amazon.

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