

[Manuals.plus](#) /

› [ThruNite](#) /

› ThruNite TH30 V2 LED Headlamp Instruction Manual

## ThruNite TH30 V2

# ThruNite TH30 V2 LED Headlamp Instruction Manual

Model: TH30 V2

## 1. INTRODUCTION

The ThruNite TH30 V2 is a high-performance LED headlamp designed for various outdoor activities and tasks requiring hands-free illumination. Featuring a powerful CREE XHP70.2 LED, it delivers up to 3320 lumens of bright light with a beam distance of 170 meters. This headlamp is USB-C rechargeable, water-resistant, and built with durable aluminum alloy, ensuring reliability in diverse conditions. Its comfortable and adjustable headband makes it suitable for extended wear during activities like running, hiking, camping, hunting, and cycling.

# THRUNITE TH30 V2 Headlamp

## Guiding You Through The Night



*Image 1.1: User wearing the ThruNite TH30 V2 headlamp during a nighttime outdoor activity.*

## 2. WHAT'S IN THE BOX

Upon opening your ThruNite TH30 V2 package, you should find the following items:

- ThruNite TH30 V2 Headlamp (x1)
- IMR 18650 Battery (x1)
- USB-C Charging Cable (x1)
- Pocket Clip (x1)
- Spare O-rings (x2)

Your browser does not support the video tag.

## 3. SETUP AND INSTALLATION

### 3.1 Battery Installation

1. Unscrew the tail cap of the headlamp.
2. Insert the provided IMR 18650 battery with the positive (+) end facing towards the head of the lamp.
3. Screw the tail cap back on tightly to ensure proper contact and water resistance.

### 3.2 Headband Adjustment

The TH30 V2 comes with a soft, adjustable headband for a secure and comfortable fit. Adjust the straps to fit snugly around your head, ensuring the headlamp is positioned correctly for optimal light direction.



*Image 3.1: The ThruNite TH30 V2 headlamp with its adjustable headband.*

Your browser does not support the video tag.

*Video 3.2: Demonstration of comfortable wearing and adjustment of the ThruNite TH30 V2 headlamp's band.*

## 4. OPERATING INSTRUCTIONS

The ThruNite TH30 V2 features a single side switch for easy operation and mode selection.

### 4.1 Basic Operation

- **Turn On/Off:** Single click the side switch to turn the light on or off.
- **Change Modes:** When the light is on, press and hold the side switch to cycle through Firefly, Low, Medium-low, Medium, and High modes. Release the switch to select the desired mode.
- **Firefly Mode Shortcut:** When the light is off, long press the side switch to directly access Firefly mode.
- **Turbo Mode:** Double click the side switch from any mode to instantly activate Turbo mode (3320 lumens).
- **SOS Mode:** Triple click the side switch from any mode to activate SOS mode.

1. Single click the side switch to turn the light on/off.
2. When the light is on, press and hold the side switch to cycle through low, medium-low, medium, high.
3. Shortcut to firefly: When the light is off, long press the side switch to get firefly mode.
4. Double click to turn to turbo from any mode. Triple click to turn to SOS.



Image 4.1: The single side switch for controlling the ThruNite TH30 V2 headlamp.

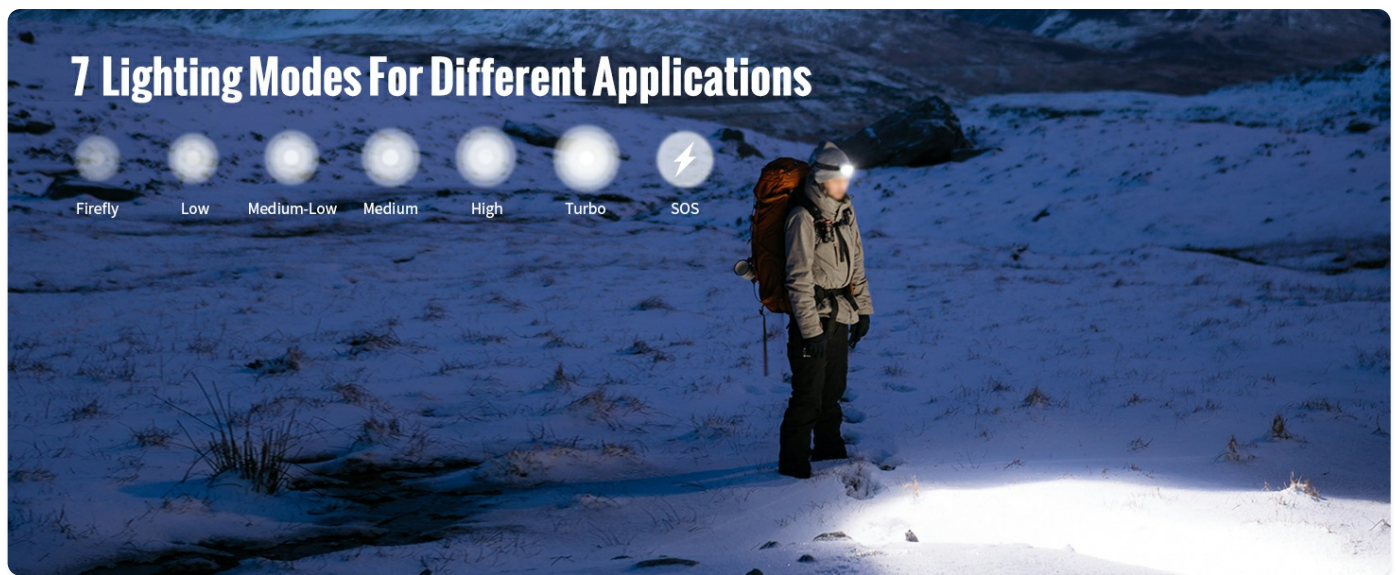


Image 4.2: Visual representation of the 7 lighting modes available on the headlamp.

## 4.2 Lockout Function

To prevent accidental activation, the TH30 V2 features a lockout function. When the light is off, press and hold the side switch for more than 3 seconds until the light flashes once. The headlamp is now locked. To unlock, press and hold the side switch for more than 3 seconds until the light turns on in Firefly mode.

# 5. CHARGING AND BATTERY

The ThruNite TH30 V2 is equipped with a USB-C charging port for convenient and fast recharging of its high-capacity IMR battery.

## 5.1 Charging the Battery

1. Locate the USB-C charging port on the headlamp (usually covered by a rubber flap for water resistance).
2. Connect the provided USB-C charging cable to the port and plug the other end into a USB power source (e.g., wall adapter, power bank, computer).
3. The indicator light on the switch will show the charging status:
  - **Red:** Charging
  - **Blue:** Fully Charged
4. Once charging is complete, disconnect the cable and securely close the rubber flap to maintain water resistance.

## 5.2 Battery Level Indicator

The headlamp features a battery level indicator integrated into the side switch. When the light is turned on, the indicator will display the battery status:

- **Blue:** Battery is full or sufficient.
- **Red:** Battery is low.
- **Flashing Red:** Battery is critically low and needs recharging.

## EXTENDED RUNTIME

Equipped with a USB-C charging port and a high-drain battery, it offers up to 29 days of runtime on Firefly mode.

**29** days 



*Image 5.1: The headlamp offers extended runtime, up to 29 days in Firefly mode.*

## 6. VERSATILE USE

The ThruNite TH30 V2 is designed for versatility, functioning both as a headlamp and a handheld flashlight.

### 6.1 Handheld Flashlight

The headlamp unit can be easily detached from the headband. With the included pocket clip, it transforms into a convenient right-angle handheld flashlight, ideal for tasks where a head-mounted light is not preferred or for clipping onto a pocket or backpack strap.



*Image 6.1: The headlamp can be clipped to a backpack for versatile use.*



**Wear it**



**Carry it**



**Reading**

Image 6.2: The headlamp can be used as a handheld flashlight for close-up tasks like reading.

## 7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ThruNite TH30 V2 headlamp.

- **Cleaning:** Regularly clean the lens and body of the headlamp with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.
- **O-rings:** Inspect the O-rings periodically for wear and tear. Replace them with the provided spare O-rings if necessary to maintain the headlamp's water resistance. Apply silicone grease to the O-rings to keep them supple.
- **Threads:** Keep the threads of the tail cap clean and lightly lubricated to ensure smooth operation and proper sealing.
- **Storage:** If storing the headlamp for an extended period, remove the battery to prevent potential leakage and damage.

## 8. TROUBLESHOOTING

If you encounter issues with your ThruNite TH30 V2, try the following troubleshooting steps:

- **Light Not Turning On:**
  - Ensure the battery is correctly inserted with the positive (+) end facing the head.
  - Check if the tail cap is screwed on tightly.
  - Verify the battery is charged.
  - Check if the headlamp is in lockout mode (see Section 4.2).
- **Intermittent Operation:**
  - Clean the battery contacts and threads.
  - Ensure the battery is fully charged.
- **Reduced Brightness/Runtime:**
  - The battery may need recharging or replacement.
  - High modes (especially Turbo) will naturally have shorter runtimes due to power consumption and thermal regulation.

## 9. SPECIFICATIONS

Detailed specifications for the ThruNite TH30 V2 LED Headlamp:

| Feature | Specification |
|---------|---------------|
|---------|---------------|

| Feature            | Specification                                                   |
|--------------------|-----------------------------------------------------------------|
| Light Source       | 2nd gen CREE XHP70.2 LED                                        |
| Max Output         | 3320 Lumens                                                     |
| Max Beam Distance  | 170 Meters                                                      |
| Power Source       | 1x IMR 18650 Battery (included)                                 |
| Charging           | USB-C Rechargeable                                              |
| Water Resistance   | IPX8 (2 meters submersible)                                     |
| Impact Resistance  | 1.5 Meters                                                      |
| Material           | Aluminum Alloy                                                  |
| Item Weight        | 70 Grams (without battery) / 5.76 oz (163.5g including battery) |
| Product Dimensions | 4.21"D x 1.12"W x 0.94"H                                        |
| Special Feature    | Lightweight                                                     |



Image 9.1: Key performance and durability specifications of the ThruNite TH30 V2.



## 10. WARRANTY AND SUPPORT

The ThruNite TH30 V2 LED Headlamp comes with a **2-year limited warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact ThruNite customer service through their official website or the retailer where the product was purchased.

For more information, visit the [ThruNite Store](#).

© 2026 ThruNite. All rights reserved.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

#### Name

Anonymous

#### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

#### Question

Example: How do I reset this device or fix this error?

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B09GK8JBKN>

More documents and user manuals: <https://manuals.plus/>