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## klarus HR1 Plus-B

# Klarus HR1 Plus Headlamp User Manual

Model: HR1 Plus-B

## INTRODUCTION

The Klarus HR1 Plus is an ultra-slim, lightweight, and high-performance headlamp designed for various outdoor activities such as running, hiking, camping, and more. It features a balanced design to prevent bouncing during movement, ensuring comfort and stability. With multiple lighting modes including spotlight, floodlight, and red light, it adapts to diverse illumination needs. The integrated USB-C rechargeable battery provides long-lasting power for extended use.



This image displays the Klarus HR1 Plus headlamp, featuring its compact design and the integrated main light and floodlight modules, attached to a comfortable black elastic headband.

## PACKAGE CONTENTS

Before first use, please verify that all components are present in the package:

- Headlamp Unit
- Battery Case
- USB-C Charging Cable
- Cable Clip
- User Manual (this document)



A clear view of all items included in the Klarus HR1 Plus product package. These include the headlamp unit, the separate battery case, a USB charging cable, a cable clip for managing the cord, and the user manual.

## SETUP

### Initial Charging

The HR1 Plus headlamp comes with a built-in 2000mAh Lithium Polymer battery. For optimal performance, fully charge the headlamp before its first use.

1. Locate the USB-C charging port on the headlamp's battery case.
2. Connect the provided USB-C charging cable to the headlamp.
3. Plug the other end of the USB-C cable into a compatible USB power source (e.g., wall adapter, computer USB port, power bank).
4. The charging indicator light will show the charging status. Refer to the headlamp's specific indicator behavior for full charge notification (e.g., solid green light).



## Wearing the Headlamp

The HR1 Plus features an ergonomic and adjustable headband designed for comfort and stability during activity.

- Place the headlamp unit on your forehead and the battery case at the back of your head.
- Adjust the elastic headband to ensure a snug yet comfortable fit. The headband is designed to be soft, breathable, absorbent, and stretchable.
- Utilize the included cable clip to manage any excess cable length between the headlamp and battery case, if

necessary.

# Ergonomic Headband

No changes after 5000 stretches



-  Soft
-  Breathable
-  Absorbent
-  Stretchable

This image shows a person wearing the Klarus HR1 Plus headlamp, demonstrating the ergonomic design of the headband. Text overlays highlight its key properties: soft, breathable, absorbent, and stretchable, ensuring comfort during extended use.

## OPERATING INSTRUCTIONS

### Power On/Off and Mode Selection

The HR1 Plus features a single button for easy operation.

- To Turn On:** Press and hold the power button for approximately 1 second. The headlamp will turn on in the last used white light mode.
- To Change White Light Modes:** While the headlamp is on, short press the power button to cycle through High, Medium, and Low white light modes.

- **To Activate Special Modes (SOS/Beacon):** From any white light mode, double-press the power button rapidly to enter SOS mode. Double-press again for Beacon mode. Short press to return to the previous white light mode.
- **To Activate Red Light:** From the OFF state, double-press the power button rapidly to activate the Red Light. Short press to switch between Constant Red and Red Strobe.
- **To Turn Off:** Press and hold the power button for approximately 1 second from any mode.

## Lighting Modes Overview

The HR1 Plus offers three primary light sources to suit various needs:

- **Spotlight:** Provides a focused beam for long-distance illumination, ideal for seeing far ahead during running or hiking.
- **Floodlight:** Emits a wide, even light for close-up illumination, suitable for reading, camping, or general area lighting.
- **Red Light:** Preserves night vision and is useful for map reading or signaling without disturbing others.

# Three Lighting Modes!



## Spot Light

Long distance illumination to see far away. Suitable for daily use, racing, or as signal light

## Flood Light

Even neutral white light for best penetration in fog and mist. Suitable for close-up illumination, reading, searching

## Red Light

Protects night vision. Suitable for reading, map reading



**0~45°**  
**Adjustable Angle**

This diagram visually explains the three distinct lighting modes available on the Klarus HR1 Plus headlamp. It shows the Spotlight for long-distance illumination, the Floodlight for wide, close-up area lighting, and the Red Light for preserving night vision and map reading.

## Adjustable Lamp Angle

The lamp head can be adjusted from 0 to 45 degrees, allowing you to direct the light precisely where needed without repositioning the entire headlamp.

# Three Lighting Modes!



### Spot Light

Long distance illumination to see far away. Suitable for daily use, racing, or as signal light

### Flood Light

Even neutral white light for best penetration in fog and mist. Suitable for close-up illumination, reading, searching

### Red Light

Protects night vision. Suitable for reading, map reading



**0~45°**  
**Adjustable Angle**

This image illustrates the adjustable angle feature of the Klarus HR1 Plus headlamp, which can be tilted from 0 to 45 degrees to direct the light beam.

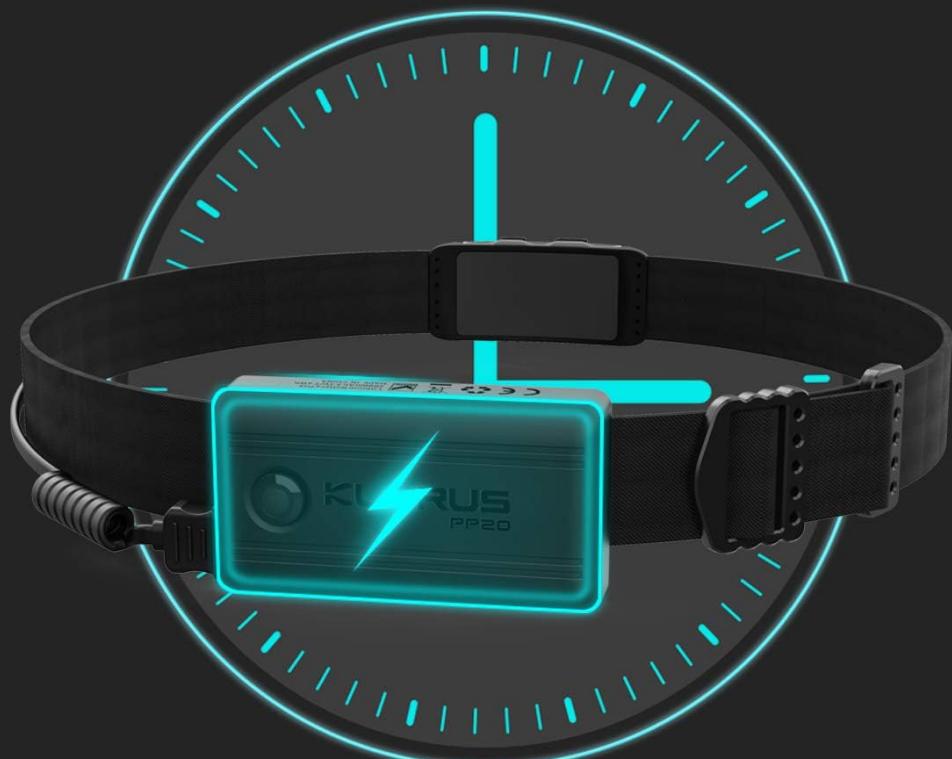
## BATTERY AND RUNTIME

The Klarus HR1 Plus is equipped with a 2000mAh built-in Lithium Polymer battery, providing extended runtime for various activities. The runtime varies depending on the selected brightness mode:

- **High (600 Lumens):** Approximately 4 hours
- **Medium (150 Lumens):** Approximately 12 hours
- **Low (30 Lumens):** Approximately 32 hours

The USB-C charging port allows for convenient recharging from various power sources, including power banks, ensuring you can keep the headlamp powered during long trips.

## 2000mAh 100 Kilometers Professional Races Runtime All-Day Running



600LM

4h

Runtime

150LM

12h

Runtime

30LM

32h

Runtime

An infographic illustrating the impressive battery runtime of the Klarus HR1 Plus headlamp's 2000mAh battery. It details that the headlamp can operate for 4 hours at 600 lumens, 12 hours at 150 lumens, and 32 hours at 30 lumens, suitable for all-day running.

## MAINTENANCE

- Cleaning:** Wipe the headlamp body and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Storage:** Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- Battery Care:** Recharge the battery regularly, even if not in use, to maintain battery health. Avoid fully discharging the battery frequently.
- Water Resistance:** The HR1 Plus is waterproof. However, avoid prolonged submersion and ensure the USB-

C port cover is securely closed when not charging to maintain water resistance.

## TROUBLESHOOTING

| Problem                          | Possible Cause                                   | Solution   |
|----------------------------------|--|--|
| Headlamp does not turn on.       | Battery is depleted.                             | Charge the headlamp using the provided USB-C cable.  |
| Light output is dim.             | Low battery level.                               | Recharge the headlamp.   |
| Headlamp turns off unexpectedly. | Battery protection activated due to low voltage. | Recharge the headlamp immediately.   |
| Charging not working.            | Cable or power source issue; port obstruction.   | Try a different USB-C cable or power source. Ensure the charging port is clean and free of debris. |

## TECHNICAL SPECIFICATIONS

| Feature                | Detail  |
|------------------------|---|
| Model                  | HR1 Plus-B  |
| Brand                  | Klarus  |
| Brightness             | Max 600 Lumens                                      |
| Light Source Type      | LED (Spotlight, Floodlight, Red Light)              |
| Power Source           | Battery Powered (Built-in Lithium Polymer)          |
| Battery Capacity       | 2000mAh   |
| Charging Port          | USB-C   |
| Material               | Polycarbonate                                       |
| Item Weight            | 2.26 ounces (approx. 64g)                           |
| Package Dimensions     | 6.26 x 3.5 x 1.81 inches                            |
| Water Resistance Level | Waterproof  |
| Adjustable Angle       | 0-45 degrees  |
| Recommended Uses       | Running, Hiking, Camping, Fishing, Hunting, Working |

## WARRANTY AND SUPPORT

Information regarding the specific warranty period and support contact details for the Klarus HR1 Plus headlamp is not available in the provided product data. For warranty claims, technical support, or service inquiries, please refer to the official Klarus website or contact the retailer from whom the product was purchased.

You may also visit the official Klarus store on Amazon for more information [Klarus Amazon Store](#)

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## Related Documents - HR1 Plus-B

|   |   |
|---|---|
|    | <p><a href="#">Klarus HM2 Headlamp User Manual: Features, Operation, and Specifications</a></p> <p>Comprehensive user manual for the Klarus HM2 headlamp, detailing its features, product parameters, operation modes, battery replacement, headband installation, usage, maintenance, and warranty information.</p>                  |
|  | <p><a href="#">Klarus E5 Compact LED Flashlight: User Manual &amp; Specifications</a></p> <p>Explore the Klarus E5, a powerful 470-lumen LED flashlight featuring a magnetic base, USB-C charging, and IPX4 water resistance. This guide covers specifications, operation, and safety.</p>  |
|  | <p><a href="#">KLARUS E5 EDC Tool-Light with Magnetic Base: Features and Specifications</a></p> <p>Discover the KLARUS E5 EDC Tool-Light, a compact and powerful flashlight featuring dual COB light sources, magnetic base, 470 lumens output, IPX4 water resistance, and 12-hour runtime. Ideal for outdoor and everyday carry.</p> |
|  | <p><a href="#">KLARUS XT11GT Pro Tactical Flashlight User Manual - Specifications and Operation</a></p> <p>Comprehensive user manual for the KLARUS XT11GT Pro tactical flashlight, detailing specifications, package contents, operation modes, battery information, warranty, and maintenance.</p>                                  |
|  | <p><a href="#">KLARUS GL4 Tactical Flashlight User Manual and Specifications</a></p> <p>Comprehensive guide to the KLARUS GL4 tactical flashlight, detailing specifications, features, operation, installation, and warranty information.</p>   |
|  | <p><a href="#">Klarus EP11 Tactical Flashlight User Manual   Features, Operations, and Warranty</a></p> <p>Comprehensive user manual for the Klarus EP11 tactical flashlight. Learn about its features, specifications, operations, battery installation, charging, maintenance, and warranty information.</p>                        |