



[Manuals.plus](#) /

› [TrustFire](#) /

› TrustFire H6R Headlamp User Manual - 1350 Lumens, USB-C IP68 Rechargeable

TrustFire H6R

TrustFire H6R Headlamp User Manual

Model: H6R (Internal Model: MC12)

INTRODUCTION

Thank you for choosing the TrustFire H6R Headlamp. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.

The TrustFire H6R is a versatile and powerful headlamp designed for various outdoor activities and work environments. It features a triple light source design, offering spotlight, floodlight, and red light options, with a maximum output of 1350 lumens and a beam distance of up to 152 meters.

H6R TRIPLE LIGHT SOURCE HEADLIGHT

H6R three-light design, with spotlight, red light and flood light, can meet various application environments of outdoor lighting.



Image: TrustFire H6R Headlamp highlighting its triple light source design, 1350 lumens output, and 152-meter range.

PRODUCT FEATURES

- **High Brightness:** Maximum output of 1350 lumens with a beam distance of up to 152 meters.
- **Multiple Light Sources:** Features spotlight, floodlight, and red light for diverse lighting needs.
- **Versatile Modes:** Includes various white light modes (High, Medium, Low, Moonlight) and a Red Light mode with SOS function.
- **Rechargeable:** Equipped with a USB-C charging port for convenient recharging.
- **Durable Construction:** IP68 waterproof rating and 1-meter drop resistance, built with aluminum alloy for enhanced durability and an anti-slip grip.
- **180-Degree Rotatable Head:** Allows precise adjustment of the light beam direction.
- **Magnetic Tailcap:** Enables hands-free attachment to ferrous metal surfaces.
- **Removable Pocket Clip:** Converts the headlamp into a versatile handheld flashlight.

1350 LUMENS, A RANGE OF 152 METERS

High-brightness and long-range shots, escorting outdoor activities at night



Image: TrustFire H6R Headlamp in use, demonstrating its 1350 lumens and 152-meter range for various outdoor activities.

SETUP

1. Battery Installation and First Use

1. The H6R headlamp comes with a pre-installed Lithium Ion battery.
2. Before first use, fully charge the headlamp using the provided USB-C cable.

2. Attaching the Headband

1. Thread the adjustable TrustFire headband through the designated slots on the headlamp body.
2. Adjust the headband to ensure a comfortable and secure fit on your head.

3. Using the Pocket Clip (Optional)

1. To use the H6R as a handheld flashlight, remove it from the headband.
2. Attach the removable pocket clip to the headlamp body as desired for carrying on pockets, backpacks, or caps.

OPERATING INSTRUCTIONS

1. Power On/Off

- Press and hold the power button for approximately 0.5 seconds to turn the headlamp ON or OFF.

2. Switching Modes (White Light)

- When the headlamp is ON, short press the power button to cycle through white light modes: Moonlight → Low → Medium → High.
- The headlamp features a memory function and will turn on in the last used white light mode.

3. Activating Red Light / SOS

- From OFF, double-click the power button to activate the Red Light mode.
- From Red Light mode, short press the power button to switch to Red SOS mode.
- Short press again to return to Red Light mode.
- Press and hold for 0.5 seconds to turn OFF.

THREE LIGHT SOURCES MULTI-SCENARIO APPLICATION

Three kinds of LED light sources are selected, the main light is white light, the auxiliary light is red light and the medium white light, which can meet various outdoor lighting scenarios and switch flexibly



Image: Demonstration of the H6R's three light sources: spotlight, red light, and floodlight, for multi-scenario application.

4. Adjusting Beam Angle

- The headlamp body can be rotated up to 180 degrees to direct the light beam precisely where needed.



Image: The H6R's floodlighting capability, suitable for tasks like work maintenance and outdoor hiking, with a wide 100-degree flood angle.

5. Charging the Headlamp

- Connect the USB-C charging cable to the headlamp's charging port and to a USB power source.
- The indicator light will show charging status (e.g., red for charging, green for fully charged).

MAINTENANCE

- **Cleaning:** Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Recharge the battery regularly, especially if not used for extended periods, to maintain battery health. Avoid fully discharging the battery.

- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** Ensure the USB-C port cover is securely closed to maintain IP68 water resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Headlamp does not turn on.	Battery is depleted.	Charge the headlamp fully.
Light output is dim.	Low battery level.	Recharge the battery.
Headlamp does not charge.	Charging cable or adapter faulty.	Try a different USB-C cable or power adapter. Ensure the charging port is clean.
Water ingress after exposure.	USB-C port cover not properly sealed.	Ensure the USB-C port cover is always securely closed before exposing the headlamp to water.

SPECIFICATIONS

Brand	TrustFire
Model Name	H6R
Internal Model Number	MC12
Maximum Luminous Power	1350 Lumens
Light Travel Distance	152 Meters
Light Source Type	LED (3 bulbs)
Power Source	Battery (Lithium Ion)
Battery Included	Yes
Run Time (High Mode)	Approximately 1 hour 5 minutes (at 1000 lumens)
Special Features	Weather resistant, Floodlight, Red light, SOS
Water Resistance Level	IP68 (Waterproof)
Drop Resistance	1 meter
Material	Aluminum Alloy, ABS
Color	Red
Product Dimensions (D x W x H)	4 x 13 x 18 cm
Weight	220 g
Recommended Uses	Camping, fishing, hiking, hunting, running, industrial maintenance, outdoor travel, reading, car care, emergency lighting

Note: Specifications are subject to change without prior notice.

WARRANTY AND SUPPORT

TrustFire products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official TrustFire website. If you encounter any issues or require technical assistance, please contact TrustFire customer support through their official channels.

For further information and support, please visit the [TrustFire Brand Store on Amazon](#).