Wurkkos HD11

Wurkkos HD11 Right Angle Flashlight Instruction Manual

Model: HD11

Introduction

The Wurkkos HD11 is a versatile right-angle flashlight designed for various activities, featuring both spotlight and floodlight capabilities, a red light mode, and a magnetic tail cap. This manual provides essential information for the safe and effective use of your device.



Figure 1: Wurkkos HD11 Right Angle Flashlight

Setup

1. Battery Installation & Charging

The Wurkkos HD11 comes with a rechargeable Lithium Ion battery (18650). Before first use, ensure the battery is fully charged.

1. Unscrew the tail cap of the flashlight.
2. Insert the included 18650 Lithium Ion battery with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on securely.
4. Locate the USB-C charging port on the side of the flashlight, usually covered by a rubber flap.
5. Connect the provided USB-C cable to the flashlight and to a compatible USB power source (e.g., computer, wall adapter).
6. The side switch will illuminate to indicate charging status:
    - Green Light: 70%-100% battery remaining.
    - Red Light: 30%-70% battery remaining.
    - Red Light Flashing: 1%-30% battery remaining.



Figure 2: Battery Indicator Status

2. Attaching the Clip and Lanyard

The HD11 includes a two-way clip and a lanyard for convenient carrying options.

- To attach the clip, slide it onto the flashlight body into the designated groove. The clip can be oriented for either head-up or head-down carry.
- Thread the lanyard through the small hole located on the tail cap for added security.

Operating Instructions

1. Power On/Off & Mode Cycling

The flashlight is operated via a single side switch.

- **Turn On/Off:** Single click the side switch to turn the flashlight on or off. The flashlight has mode memory and will turn on in the last used brightness setting for white light.
- **Brightness Adjustment (White Light):** When the white light is on, press and hold the side switch to cycle through Low, Medium, and High brightness levels. Release the switch at your desired brightness.
- **Direct Access to Moonlight:** From OFF, press and hold the side switch for approximately 1 second to activate the Moonlight mode (1 lumen).
- **Direct Access to Turbo:** From ON, double-click the side switch to activate Turbo mode (1800 lumens). Double-click again to return to the previous brightness level.

2. Light Modes

The HD11 features multiple light sources and modes:

- **Switching Light Sources:** From ON, triple-click the side switch to cycle between Spotlight, Floodlight, and Spot+Flood combined modes.
- **Red Light Mode:** From ON, quadruple-click the side switch to activate the Red Light mode. In Red Light mode, single-click to cycle between constant Red and Red Strobe.



Figure 3: Light Modes and Gears

3. Adjustable Right Angle Head

The unique 90-degree articulating head allows for flexible lighting angles.

- Twist the flashlight head to switch between a straight flashlight and an L-shaped work light.
- The light automatically transitions between spotlight and floodlight profiles as the head is twisted, allowing for precise illumination.



Figure 4: Adjustable Right Angle Head Functionality

4. Magnetic Tail Cap

The strong magnetic base allows the flashlight to attach to any metal surface, providing hands-free operation for various tasks.

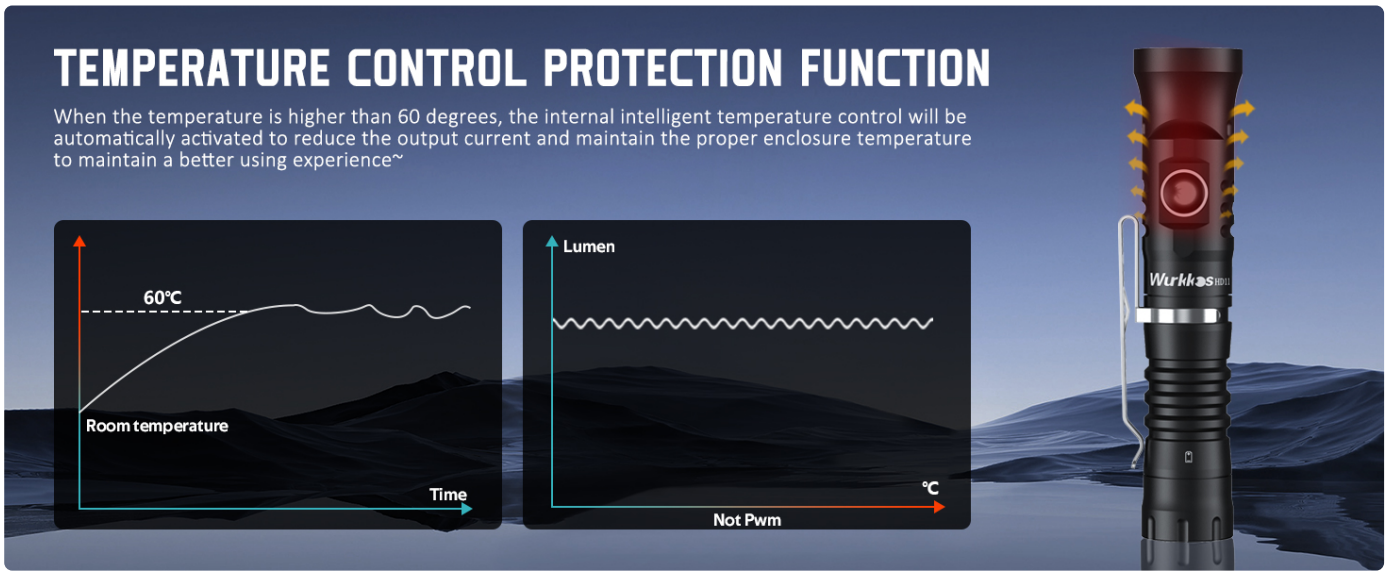


Figure 5: Magnetic Tail Cap in Use

5. Official Product Video

Video 1: Official product video showcasing the Wurkkos HD11 Right Angle Flashlight with Red Light features.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your Wurkkos HD11 flashlight.

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **O-Ring Maintenance:** Regularly inspect the O-rings for wear and tear. Apply silicone grease to the O-rings periodically to maintain the IP68 waterproof rating. Replace damaged O-rings promptly.
- **Water Resistance:** The HD11 is IP68 waterproof, meaning it can be submerged in 2 meters of water for 30 minutes without damage. Ensure the USB-C port cover is securely closed before exposing the flashlight to water.

- **Storage:** If storing the flashlight for an extended period, remove the battery to prevent self-discharge and potential damage.

Troubleshooting

If you encounter issues with your Wurkkos HD11, try the following solutions:

- **Light Not Turning On:**
  - Ensure the battery is fully charged.
  - Check if the battery is inserted correctly with the positive (+) end towards the head.
  - Tighten the tail cap securely. A loose tail cap can prevent electrical contact.
- **Dim Light or Intermittent Operation:**
  - Recharge the battery. Low battery levels can cause dimming.
  - Clean the battery contacts and flashlight threads with a clean cloth.
  - The flashlight has a temperature control protection function. If the temperature exceeds 60 degrees Celsius, the output will automatically reduce to prevent damage. Allow the flashlight to cool down.
- **Head Rotation Issues:**
  - Ensure no debris is lodged in the rotating mechanism.
  - Apply a small amount of silicone grease to the rotating parts if movement feels stiff.

Specifications

Feature	Specification
Brand	Wurkkos
Model	HD11
Special Feature	90 Degree Rotary Head, L-shaped Work Light, Rechargeable, Spotlight/Floodlight/Red light Triple Light Source, Magnetic Tail Cap
White Brightness	1800 Lumens
Light Path Distance	253 Meters
Power Source	Battery Powered
Battery Type	1 Lithium Ion (18650) (included)
Material	Aluminum
Water Resistance Level	IP68 Waterproof (2 meters for 30 minutes)
Product Dimensions	5.12"D x 1.18"W x 1.18"H

Warranty and Support

Wurkkos offers a Worry-Free 24-Month warranty for the HD11 flashlight. For any inquiries or support needs, please do not hesitate to contact our customer service team. We are committed to providing world-class service and will address your concerns within 24 hours.
For further assistance, please refer to the official Wurkkos website or your purchase platform for contact details.

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.

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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