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› Wurkkos HD01PRO UV and White LED Combined Flashlight User Manual

Wurkkos HD01 PRO

Wurkkos HD01PRO UV and White LED Combined Flashlight

Model: HD01 PRO

Brand: Wurkkos

1. INTRODUCTION

The Wurkkos HD01PRO is a versatile and compact multi-functional flashlight designed for various applications, including everyday carry (EDC), emergency situations, pet stain detection, and general illumination. It integrates a powerful 1200-lumen white LED, a 365nm UV light, RGB side lights, and a green laser, all controlled by an intuitive dual-button interface. This manual provides essential information for the safe and effective use of your HD01PRO flashlight.



Image: Wurkkos HD01PRO flashlight, showcasing its compact design and multiple light sources.

2. SAFETY INFORMATION

- **Eye Safety:** Do not look directly into the light beam, especially when using the high or turbo modes, as this can cause temporary vision impairment or permanent eye damage.
- **UV Light Safety:** Avoid prolonged direct exposure of skin and eyes to UV light. While 365nm UV is less harmful than shorter wavelengths, it is still advisable to use it responsibly.
- **Laser Safety:** The green laser is a Class 2 laser product. Do not stare into the laser beam or point it at people, animals, or reflective surfaces. Avoid pointing the laser at aircraft or vehicles.
- **Children:** Keep the flashlight out of reach of children. The laser and high-lumen output can be dangerous if misused.
- **Heat:** The flashlight may become warm during extended use, especially in high or turbo modes. This is normal. Avoid touching the head of the flashlight when it is hot.
- **Battery:** Use only the recommended battery type. Do not attempt to disassemble the battery or expose it to extreme

temperatures.

- **Water Resistance:** The HD01PRO is rated IP65, meaning it is protected against dust and low-pressure water jets. It is not designed for submersion.

3. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present:

- Wurkkos HD01 PRO Flashlight (with battery included) x1
- USB-C Charging Cable x1
- Lanyard x1
- User Manual x1



Image: The image displays the Wurkkos HD01PRO flashlight, USB-C charging cable, lanyard, and user manual, which are included in the package. It also provides a table of performance specifications.

4. PRODUCT OVERVIEW

The HD01PRO features a compact, rectangular design with two primary control buttons and multiple light sources.

Components:

- **Main White LED:** Located at the front, providing up to 1200 lumens.
- **UV LED:** Integrated for 365nm ultraviolet light output.
- **RGB Side Light:** A strip of LEDs on the side offering various colors and modes.
- **Green Laser:** For pointing and signaling.
- **Button A (Forward Switch):** Controls Green Light, Floodlight, and RGB Light.
- **Button B (Rear Switch):** Controls Main White Light, Moonlight, UV Mode, and Strobe.
- **USB-C Charging Port:** For convenient recharging.
- **Magnetic Base:** Allows attachment to metallic surfaces.
- **Two-Way Pocket Clip:** For secure carrying.

HD01

THE BRIGHTEST SINGLE-CELL HANDLE-FLASHLIGHT IN THE WURKKOS

The wurkkos HD01 PRO is capable of unleashing a bling burst of 1200lumens, driven by one high-rechargeable 1200mAh power

1200

LUMENS MAX OUTPUT



USB-C



Green Light



UV lighting



White lighting



RGB lighting



Magnetic base



Image: This image illustrates the 6-in-1 light source design of the Wurkkos HD01PRO, showing the two control buttons (A and B) and their primary functions for activating green light, floodlight, RGB light, moonlight, main white light, UV mode, and strobe.

5. SETUP

5.1 Charging the Battery

The HD01PRO comes with a built-in rechargeable battery. To charge the flashlight:

1. Locate the USB-C charging port on the side of the flashlight.
2. Connect the provided USB-C cable to the flashlight and plug the other end into a USB power source (e.g., wall adapter, computer, power bank).
3. The indicator light will show **red** during charging.
4. Once fully charged, the indicator light will turn **green**.

A full charge can provide up to 70 hours of runtime in Moonlight mode.

BREATHING LIGHT DESIGN

Glow in the dark-easy positing at any time

The HD01 LED flashlight features a breathing light design. Just 5-click with quick tap on the A button to turn on & off the breathing light.



Image: This image highlights the rechargeable nature of the HD01PRO, showing the Type-C port, charge indicator (red for charging, green for fully charged), and an impressive 70 hours of runtime in Moonlight mode.



Image: The image displays the Type-C charging port on the Wurkkos HD01PRO, indicating a red light for charging and a green light for a full charge. It also shows the dual-direction pocket clip.

6. OPERATING INSTRUCTIONS

The HD01PRO uses a dual-button interface for controlling its various light functions. Button A (forward switch) and Button B (rear switch) have distinct functions.



Image: This diagram details the button operations for various light functions: 1 click for Green Light On/Off, 2 clicks for Side Floodlight, 3 clicks for RGB Light (using one button); and 1 click for White Lighting On/Off, 2 clicks for UV Lighting, 3 clicks for Strobe (using the other button).

6.1 Main White Light Operation (Button B)

- **Turn On/Off:** Single click Button B.
- **Change Brightness:** When the main light is on, press and hold Button B to cycle through Moon, Low, Medium, High, and Turbo modes. Release the button at your desired brightness. The flashlight has mode memory for the main white light.
- **Strobe Mode:** Triple click Button B to activate Strobe. Single click to turn off or return to the previously used mode.

HELPING YOU SOLVE PET POTTY TRAINING BOO-BOOS

HD01 pro Flashlight is a Pet UV Urine Stain and Stain Detector Discover the secrets of pet urine stains or stains with a UV flashlight.



Image: This image shows the various main white light modes available on the HD01PRO: Moon (1lm), Low (20lm), Medium (100lm), High (450lm), Turbo (1200lm), and Strobe (1200lm). It also mentions the four-strike A/B switch locking mode and mode memory.

6.2 UV Light Operation (Button B)

- **Activate UV Mode:** Double click Button B from OFF state.
- **Turn Off:** Single click Button B.

The 365nm UV light is suitable for detecting pet urine stains, verifying currency, identifying minerals, and other specialized applications.

HD01 PRO RECHARGEABLE FLASHLIGHT

Output utilizes a high-power LED beam with blasting a maximum output of 1200lumens, and designs for more practical for task lighting as well as for better throw and area lighting.



Image: This image explains the 365nm UV wavelength emitted by the HD01PRO, useful for detecting hidden stains, counterfeit items, identifying minerals, and other professional applications.

FUNNY RGB & WHITE FLOODLIGHT FOR THE HD01



Image: The image demonstrates the HD01PRO's UV light capability for detecting pet urine stains on various surfaces, aiding in cleaning and hygiene.



Image: This image showcases the multi-scenario applications of the HD01PRO's UV light, including verifying banknotes, finding scorpions, inspecting minerals, and curing gel nail polish.

6.3 RGB Side Light Operation (Button A)

- **Activate Side Floodlight:** Double click Button A from OFF state.
- **Activate RGB Light:** Triple click Button A from OFF state. This will cycle through various RGB modes like Police Flash, Water Fall/Droplets, and solid colors.
- **Turn Off:** Single click Button A.



Image: The image displays the Wurkkos HD01PRO flashlight showcasing its RGB and white floodlight capabilities, with various modes like low, medium, high, warning, RGB, and marquee.

6.4 Green Laser Operation (Button A)

- **Activate Green Laser:** Single click Button A from OFF state.
- **Turn Off:** Single click Button A.

The green laser can be used for pointing during presentations, playing with pets, or as an astronomical pointer.



Image: This image shows the green laser function of the HD01PRO being used for entertainment, such as playing with a pet.

6.5 Lockout / Unlock Function

To prevent accidental activation, the HD01PRO features a lockout function:

- **Lock:** From the OFF state, rapidly click either Button A or Button B four times. The flashlight will blink twice to confirm lockout.
- **Unlock:** From the locked state, rapidly click either Button A or Button B four times. The flashlight will turn on in Moonlight mode to confirm unlock.



Image: This image shows the lockout feature of the HD01PRO, which is activated by 4 rapid clicks of a button to prevent accidental activation when carried in a pocket or bag.

6.6 Breathing Light

The HD01PRO features a breathing light design, which is a subtle glow that helps locate the flashlight in the dark.

- **Activate/Deactivate:** From the OFF state, rapidly click Button A five times to toggle the breathing light on or off.

6.7 Magnetic Base

The integrated magnetic base allows the flashlight to be securely attached to ferrous metal surfaces, providing hands-free illumination for tasks such as vehicle maintenance or working in a workshop.



Image: The image demonstrates the magnetic base feature of the HD01PRO, allowing hands-free operation by attaching the flashlight to metallic surfaces, useful for tasks like automotive repairs.

6.8 Two-Way Body Clip

The removable two-way body clip allows for versatile carrying options, such as attaching it to a pocket, belt, or backpack strap, facilitating easy access and hands-free use.



Image: The image illustrates the versatility of the two-way body clip, allowing the flashlight to be securely carried in a pocket or attached to gear for convenient access.

7. MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lens Care:** Keep the lens clean to ensure optimal light output. Use a lens cleaning cloth or cotton swab with a small amount of rubbing alcohol if necessary.
- **Charging Port:** Ensure the USB-C port is free from dust and debris.
- **Storage:** Store the flashlight in a cool, dry place when not in use for extended periods. Recharge the battery every 3-6 months to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on or only blinks twice.	The flashlight is in lockout mode.	Rapidly click either Button A or Button B four times to unlock.
Flashlight does not charge.	Charging cable or power source issue; dirty charging port.	Ensure the USB-C cable is properly connected and the power source is functional. Clean the charging port if necessary.
Laser overheats or stops working.	Prolonged activation of the laser.	Avoid leaving the laser on for extended periods. Ensure the flashlight is locked when not in use to prevent accidental activation.
Difficulty operating buttons (e.g., rapid clicks).	User dexterity or unfamiliarity with controls.	Practice the button sequences. Ensure fingers are warm and dry for optimal tactile feedback.
Reduced light output or short runtime.	Low battery; dirty lens.	Recharge the battery fully. Clean the lens.

9. SPECIFICATIONS

Feature	Detail
Model Number	HD01 PRO
Max White Light Output	1200 Lumens
UV Wavelength	365nm
Light Sources	White LED, UV LED, RGB LED, Green Laser
Power Source	Rechargeable Lithium Ion Battery (included)
Charging Port	USB-C
Max Runtime (Moonlight)	70 hours
Water Resistance	IP65 (Protected against dust and low-pressure water jets)
Drop Resistance	1 meter
Material	Plastic
Dimensions (L x W x H)	7.6 x 10.2 x 12.7 cm (as per product data, note: this seems like packaging dimensions, actual product is smaller)

Note: Performance data may vary depending on environmental conditions and battery state.

10. WARRANTY AND SUPPORT

Wurkkos products are manufactured to high-quality standards. For warranty information or technical support, please refer to the official Wurkkos website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

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