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NITECORE NU32 High Performance Rechargeable Headlamp User Manual

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NITECORE®
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NITECORE NU32 High-Performance Rechargeable Headlamp

NU32
High Performance

Rechargeable Headlamp

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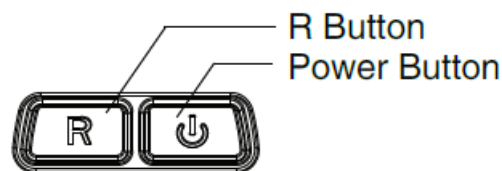- USB Rechargeable
- Extreme Lightweight

Features

- High-performance rechargeable headlamp
- White and red dual outputs
- A CREE XP-G3 S3 primary white LED capable of outputting 550 lumens
- Two auxiliary LEDs with high color rendering capability: CRI ≥90 provides output at 19 lumens
- Red light illumination
- Built-in 1800mAh Li-ion battery
- USB rechargeable with onboard charging circuit
- Dual switches design offers easy one-handed operation
- 4 brightness levels and 2 special modes available
- A power indicator beneath switches indicates the remaining battery power
- Flood beam profile with 60° adjustable angle
- Made from durable PC materials
- Compact and lightweight
- Impact-resistant to 1 meter

Specifications Accessories

Dimensions: 63mm×43.5mm×31.5mm USB Cable, Head Band
(2.48” ×1.71” ×1.24”, bracket included)
Weight: 76.4g (2.69oz, bracket included)
99.5g (3.51oz, bracket and head band included)

Operating Instructions

Dual Switches
The Power Button controls the white light, and the R Button controls the red light.

White Light Illumination
With the light turned off, press the Power Button to turn the white light on.

1. Within an interval of 3 seconds when the light is on, pressing the Power Button repeatedly to cycle through ULTRALOW-MID-HIGH-Standby.
2. Pressing the Power Button when no action is taken after 3 seconds will turn the light off.

Access to TURBO

With the light turned on, press and hold the Power Button for 1 second to enter TURBO mode (550 lumens).

Note: NU32's TURBO output diminishes after 30 seconds to prevent overheating.

White Auxiliary LEDs
With the light turned off, press and hold the Power Button for 1 second to activate the 2 onboard white auxiliary LEDs for flood illumination. Press the Power Button again to turn the white auxiliary LEDs off.

Red Auxiliary LEDs
With the light turned off, press the R Button to turn the red auxiliary LEDs on. Press the R Button repeatedly within an interval of 3 seconds to cycle through RED – FLASHING RED – Standby. Pressing the R Button when no action is taken after 3 seconds will turn the red auxiliary LEDs off.

Special Modes (SOS / Beacon)
With the light turned off, press and hold the Power Button for 3 seconds to enter SOS. Press the Power Button again within 3 seconds and switch to BEACON Mode. To exit special mode, press the Power Button when NU32 is in BEACON Mode, or press the Power Button when no action is taken after 3 seconds.

Lockout/Unlock
With the light turned off, press and hold both the Power Button and the R Button simultaneously until the built-in red indicator flashes once to enter lockout mode. All LEDs will be rendered inoperative in lockout mode. To unlock, press and hold both buttons until the red indicator flashes once again.

Power Indicator
With the light turned off, press and hold the R Button for 1 second to activate the built-in red power indicator. The power indicator will flash to indicate the remaining power of the batteries:

1. Flashing three times indicates that the power is above 50%;

2. Flashing twice indicates that the power is below 50%;

3. Flashing once indicates that the power is below 10%.

   Note: The product needs to be recharged when the output appears to be dim or the product becomes unresponsive due to low power.

Charging Function

NU32 is equipped with an intelligent charging system. Please charge the battery before the first use.
Connecting to the External Power: Raise the micro USB port cover to expose the charging port, connect the port to a power supply with a USB cord to initiate the charging process. Fully charging the product takes approximately 3.5 hours. When fully charged, the standby time is approx. 12 months.
Charging Indicator: When the product is connected to a power supply, the built-in red power indicator will be lit to indicate charging in progress. It will turn green when charging completes.

Cautions

1. **CAUTION!** Possible dangerous radiation! Don't look into the light! Maybe dangerous for your eyes.

2. Please recharge the product every 3 months when left unused for a prolonged time.

3. When the flashlight is kept in the backpack, please activate the Lockout Mode to prevent accidental activation.

4. Zerlegen, modifizieren oder manipulieren Sie das Produkt NICHT. Das Produkt könnte beschädigt werden und es erlischt die Garantie.

Technical Data

FL1 STANDARD	TURBO	HIGH	MID	ULTRALOW	AUXILIARY LEDS (CRI)	RED	FLASHING RED	SOS	BEACON
☀	550 Lumens	190 Lumens	33 Lumens	1 Lumen	19 Lumens	9 Lumens	9 Lumens	550 Lumens	550 Lumens
🕐	*1h	17h	50h	330h	25h	38h	45h	—	—
◣	125m	77m	25m	5m	10m	7m	—	—	—
◎	3900cd	1480cd	150cd	8cd	23cd	14cd	—	—	—
✓	1m (Impact Resistant)								
〜⬇	IP67 Rated								

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using the built-in Li-ion battery (3.7V 1,800mAh) under laboratory conditions. The data may vary in real-world use due to different battery usage or environmental conditions.

The runtime for TURBO mode is tested without the temperature regulation.

Warranty Service

All NITECORE® products are warranted for quality. Any DOA / defective product can be exchanged for a replacement through a local distributor/dealer within 15 days of purchase. After that, all defective/malfunctioning NITECORE® products can be repaired free of charge within 24 months from the date of purchase. Beyond 24 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty will be nullified if

1. the product(s) is/are broken down, reconstructed and/or modified by unauthorized parties;
2. the product(s) is/are damaged due to improper use.

   For the latest information on NITECORE® products and services, please contact a local NITECORE®

   distributor or send an email to service@nitecore.com

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