NITECORE®
奈 特 科 尔　NU25 使用说明书

产品特性
- 多光源可充电羽量级头灯
- 专为户外活动特别设计
- 主灯采用 CREE XP-G2 S3 LED，高达 360 流明输出
- 配置高显色性白光辅助灯（CRI ≥ 90，色温 4500K）和红光辅助灯
- 主灯采用橘皮反光杯，光线更均匀柔和
- 最大光强 1650 坎德拉，最远射程 81 米
- 内置 610mAh 高容量聚合物锂电池
- 高效率恒流电路，最长续航时间 160 小时
- 设有 4 种亮度、3 种光源和 3 种特殊功能可选
- 自带智能锂电池充电电路（Micro-USB 通用充电接口）
- 开关按钮内藏电量指示灯，可以提示电池剩余电量
- 为户外应用特别设计的广区域泛光系统，具有 100° 有效照明范围
- 60° 可调节俯仰角度
- 机身采用 PC 材料制造，坚固耐用
- IP66 防护等级
- 1 米防摔能力

体积
尺寸：55.5mm×34.6mm×23.2mm（含支架）
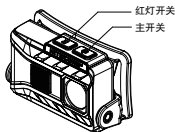重量：28g（含支架）

配件
头灯带、USB 充电线

技术参数

FL1 STANDARD	极亮档	高亮档	中亮档	低亮档	白光辅助灯	红光低亮档	红光高亮档	红光警示灯	SOS	信标
☀	360 流明	190 流明	38 流明	1 流明	20 流明	0.9 流明	13 流明	13 流明	360 流明	360 流明
⏱	*30 分钟	5 小时	8 小时	160 小时	6 小时 15 分钟	68 小时	7 小时 45 分钟	13 小时	—	—
📏	81 米	61 米	27 米	3.8 米	5.5 米	—	4 米	—	—	—
✦	1650 坎德拉	950 坎德拉	190 坎德拉	3.7 坎德拉	7.5 坎德拉	—	4 坎德拉	—	—	—
✔	1 米（防跌落高度）									
〰	IP66（防护等级）									

注： 以上数据按照国际手电筒测量标准 ANSI/NEMA FL1 所述之测量方法，所使用电池为内置可充电锂电池（3.7V 610mAh）测量，不同使用环境可能会对以上数据产生影响。
* 该数据是在手电温控功能尚未启动情况下的测试结果。

使用头灯
NU25 设有双开关按键，如图所示。

红灯开关
主开关

主灯
开启 / 关闭
开启：在关闭状态下，短按主开关，主灯开启并进入高亮档。
关闭：开启后，静待 3 秒后短按任意键，即可关闭头灯。
　　　开启状态下，长按主开关，即可关闭头灯。
亮度调节
进入开启状态后的 3 秒内，连续按下主开关，主灯亮度将按"低亮档 - 中亮档 - 高亮档 - 关闭"顺序循环切换。

白光辅助灯
开启 / 关闭
开启：在关闭状态下，长按主开关 1 秒后，白光辅助灯开启。
关闭：开启后，静待 3 秒后短按任意键，即可关闭头灯。
　　　开启状态下，长按红灯开关，即可关闭头灯

红光辅助灯
开启 / 关闭
开启：在关闭状态下，短按红灯开关，红光低亮档开启。
关闭：开启后，静待 3 秒后短按任意键，即可关闭头灯。
　　　开启状态下，长按红灯开关，即可关闭头灯
档位切换
开启红光低亮档的 3 秒内，连续按下红灯开关，红光辅助灯将按"红光低亮档 - 红光高亮档 - 红光警示灯 - 关闭"顺序循环切换。

直接进入极亮档
在开启状态下，长按主开关 1 秒后，头灯直接进入极亮档（360 流明）。
注：在极亮档状态下工作 30 秒后，头灯将降低亮度以防止内部温度过高。当主灯内部温度出现过热情况，若此时开启极亮档，亮度会直接降低以保护头灯内部零件，避免因温度过热而损坏。

使用 SOS/ 信标功能
在任何状态（非锁定）下，长按主开关 3 秒后，即开启 SOS 档。开启 SOS 档 3 秒内，短按一下主开关，将切换至信标功能，再次短按一下即关闭。
开启任何特殊功能后，如 3 秒内无任何按键操作，短按任意键即可关闭特殊功能。

锁定 / 解锁
在任何状态（非锁定）下，同时按下双按键，头灯将进入锁定状态，此时位于双按键的红色指示灯闪烁一次提示用户。进入锁定状态后将无法开启头灯，按任意键红色指示灯均匀闪烁一次提示。再次按下双按键即可解锁，此时主灯开启并进入低亮档。
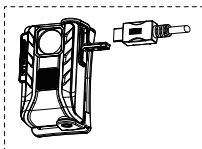
电量提示
在关闭状态下，长按红灯开关，红色电量指示灯将以闪烁方式报出电池剩余电量：
1. 指示灯闪 3 次，代表电量大于 50%；
2. 指示灯闪 2 次，代表电量少于 50%；
3. 指示灯闪 1 次，代表电量少于 10%。
注： 当电池电量不足，头灯会出现亮度变暗或者无法调光的情况。此时，应对头灯进行充电。

充电
本产品自带 USB 充电功能。如图所示，把 USB 充电线一端连接至头灯充电插孔，另一端接上 USB 充电设备即可。当处于正常充电状态时，红色指示灯将长亮提示用户；当充满电时，会自动停止充电，且指示灯将变绿色。充电时间约为 2 小时。满电时，待机时间约为 1 年。

注意事项
1. 请勿将光线直接照射眼睛，以免对眼睛造成伤害。
2. 请勿随意拆解、改装本产品，否则将会导致保修失效并可能损坏头灯。

保固
NITECORE® 产品拥有售后保固服务。在购买本产品的 15 天内，如果有任何质量问题均可向经销商要求免费更换。在购买本产品的 24 个月内享受免费保固服务。在超过 24 个月免费保固期后，本产品享有终身有限度保固服务，如需要更换重要部件则需收取成本费用。
本保固规则不适用于以下情况：
1. 人为破坏，拆解，改装本产品。
2. 错误操作导致产品损坏。
如对奈特科尔产品有任何疑问，欢迎联系当地的代理商或发邮件到 4008869828@nitecore.cn
※ 本说明书的所有图片、陈述及文字信息仅供参考，请以官网 www.nitecore.cn 实际信息为准。广州希脉创新科技有限公司拥有对说明书内容的最终解释权和修改权。

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NITECORE®
KEEP INNOVATING

NU25 User Manual

Features
- Lightweight multi-output rechargeable headlamp
- Specially designed for outdoor activities
- Utilizes a CREE XP-G2 S3 LED to emit a maximum output of 360 lumens
- Onboard High CRI white light (CRI≥90, colour temperature of 4500K) and auxiliary red light
- Main light utilizes an orange peel reflector for a uniform and soft beam
- Maximum beam intensity up to 1650cd and beam distance up to 81 meters
- Built-in 610mAh Li-ion polymer battery
- High efficient constant with runtime up to 160 hours
- 4 brightness levels, 3 light sources and 3 special modes selectable
- Intelligent Li-ion battery charging circuit (via Micro-USB charging port)
- Built-in power indicator reports remaining battery power
- A flood lighting system provides 100° beam angle
- Tilting mechanism allows for 60° adjustment
- Made from durable PC material
- IP66 rating
- Impact resistant to 1 meter

Specifications
Size: 2.19"×1.36"×0.91" (55.5mm×34.6mm×23.2mm)(holder included)
Weight: 0.99oz (28g) (holder included)

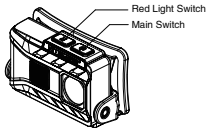## Accessories
Headband, USB cable

Technical Parameter

FL1 STANDARD	Turbo	High	Mid	Low	Auxiliary White Light	Red Light (low)	Red Light (high)	Red Caution Light	SOS	Beacon
☀	360 LUMENS	190 LUMENS	38 LUMENS	1 LUMEN	20 LUMENS	0.9 LUMEN	13 LUMENS	13 LUMENS	360 LUMENS	360 LUMENS
🕐	*30min	5h	8h	160h	6h15min	68h	7h45min	13h	—	—
◀	81m	61m	27m	3.8m	5.5m	—	4m	—	—	—
✹	1650cd	950cd	190cd	3.7cd	7.5cd	—	4cd	—	—	—
✓	1m (Impact Resistance)									
☂	IP66 Rating									

NOTICE: The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using a built-in Li-ion battery (3.7V 610mAh) under laboratory conditions. The data may vary slightly during real-world use due to battery type, individual usage habits and environmental factors.
* The runtime for Turbo mode is the testing result before starting temperature regulation.

Operation Instruction
NU25 has two switches as shown in the diagram:

Red Light Switch
Main Switch

Main Light
ON/OFF
Turn on: When the light is off, tap the main switch to turn on the main light and enter the lowest brightness level.
Turn off: After the light is switched on, either wait for 3 seconds then press any switch to turn off the light, or press and hold the red light switch to turn off the light right away.
Changing Brightness Level of Main Light
Within 3 seconds after the light is turned on, tap the main switch in succession to cycle through Low-Mid-High-OFF.

Auxiliary White Light
ON/OFF
Turn on: When the light is off, press and hold the main switch for 1 second to turn on the auxiliary white light.
Turn off: After the light is switched on, either wait for 3 seconds then press any switch to turn off the light, or press and hold the red light switch to turn off the light right away.

Auxiliary Red Light
ON/OFF
Turn on: When the light is off, tap the red light switch to enter the red light (low).
Turn off: After the light is switched on, either wait for 3 seconds then press any switch to turn off the light, or press and hold the red light switch to turn off the light right away.
Changing Brightness Level of Auxiliary Red Light
Within 3 seconds after the red light is turned on, tap the red light switch in succession to cycle through Red Light (low)-Red Light (high)-Red Caution Light-OFF.

Direct Access to Turbo
When the main light is on, press and hold the main switch for 1 second to enter Turbo (360 lumens).
NOTE: The Turbo mode will run for 30 second before it steps down to prevent overheating. The TURBO mode can be reactivated immediately, but if the NU25 is still overheated, the light will remain at lower level to protect the components and prevent damage caused by overheating.

SOS/Location Beacon
In any state (non-locking), press and hold the main switch for 3 seconds to enter SOS, press the main switch again within a 3 second interval to activate location beacon. Press the main switch again will turn off the light.
To exist special modes at any time, wait for 3 seconds then press any switch to turn off the light.

Lockout/Unlock
In any state (non-locking), press the two switches simultaneously to lockout the NU25. A red indicator will blink once to notify the user. In lockout state, the NU25 cannot be turned on. If any switch is pressed, the red indicator will blink once to notify user.
To unlock, press the two switches simultaneously again to activate the NU25 and enter the Low mode.
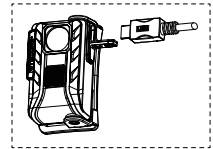
Power Tips
When the NU25 is turned off, press and hold the red light switch, the red indicator will blink to report its remaining power:
1. 3 flashes represent battery level above 50%.
2. 2 flashes represent battery level below 50%.
3. 1 flash represents battery level below 10%.
NOTE: Recharge the NU25 when its output appears to be dim or the flashlight becomes unresponsive.

Recharging
This product is USB rechargeable. Connect one end of the USB cable to the charging port of the NU25 and the other end to a power supply as shown in the diagram. Under normal charging conditions, a red indicator will illuminate steady. When charging is complete, the NU25 will automatically terminate charging and the red indicator will turn green. It takes approximately 2 hours to fully charge the headlamp. After fully charged, the standby time is approximately 1 year.

Caution
1. Avoid direct eye exposure.
2. Do not assemble or modify this product, as doing so voids the warranty.

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

The warranty is nullified in all of the following situations:
1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties.
2. The product(s) is/are damaged through improper use.

※ For the latest information on NITECORE® products and services, please contact your national NITECORE® distributor or send an email to service@nitecore.com. The NITECORE official website shall prevail in case of any product data changes.

Worldwide Warranty Service

Model number _____   Date of purchase _____

Serial number _____   Store Stamp _____

This is the certificate of authenticity if this item and we confirm that it has been subjected to the most exacting quality controls by SYSMAX Innovations Co., Ltd.

NOTE:
Please ensure this warranty card is fully completed by the distributor or retailer after purchasing the product. Should the product fail to operate correctly during the warranty period, it may be returned with the completed warranty card and original sales receipt to the retailer or local distributor for replacement or repair.

Customer Service Email: service@nitecore.com

Thanks for purchasing NITECORE!
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