

NITECORE®
KEEP INNOVATING

NEW P30 Hunting Kit

- Powered by a 21700 Battery
- Ultra Long Range Performance
- Patented Power Indicator



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 60 months from the date of purchase. Beyond 60 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; (e.g. reversed polarity installation)

3. the product(s) is/are damaged due to battery leakage.

For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com

*All images, text and statements specified herein this user manual are for reference purpose only. Should any discrepancy occur between this manual and information specified on www.nitecore.com, Sysmax Innovations Co., Ltd. reserves the rights to interpret and amend the content of this document at any time without prior notice.

Features

- Utilizes a CREE XP-L HI V3 LED with a max output of 1,000 lumens
- Maximum peak beam intensity of 95,500cd and maximum throw of 618 meters
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Powered by a 21700 high capacity Li-ion battery while compatible with 18650 and CR123 batteries, to provide a runtime up to 950 hours
- The tactical tail switch and the side switch control 5 brightness levels and 3 special modes
- NITECORE 21700 USB-C rechargeable Li-ion battery (NL2150R 5,000mAh) included
- A power indicator beneath the side switch indicates the remaining battery power (Patent No. ZL201220057767.4)

- The power indicator can display the battery voltage ($\pm 0.1V$)
- High efficiency constant circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Electronic reverse polarity protection
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof in accordance with IP68 (2 meters submersible)
- Impact resistant to 1 meter

Specifications

Length: 155.5mm (6.12")
Head Diameter: 50mm (1.97")
Tube Diameter: 25.4mm (1")
Tail Diameter: 27.2mm (1.07")
Weight: 158.5g (5.59oz)

Accessories

NITECORE NEW P30 Flashlight, Rechargeable 21700 Battery, NFR50 Red Filter, NFG50 Green Filter, UI2 Intelligent Dual-Slot Battery Charger, High Clearance Scope Mount, Offset Picatinny Rail Mount, RSW3 Pressure Switch, 18650/CR123A Battery Adapter, AC USB Wall Adapter, USB Cable for UI2

Battery Options

	Type	Nominal Voltage	Compatibility
NITECORE NL2150R 5,000mAh	21700	3.6V	Y (Recommended)
21700 Rechargeable Li-ion Battery	21700	3.6V/3.7V	Y (Recommended)
18650 Rechargeable Li-ion Battery	18650	3.6V/3.7V	Y (Compatible)
Primary Lithium Battery	CR123	3V	Y (Compatible)
Rechargeable Li-ion Battery	RCR123	3.6V/3.7V	Y (Compatible)

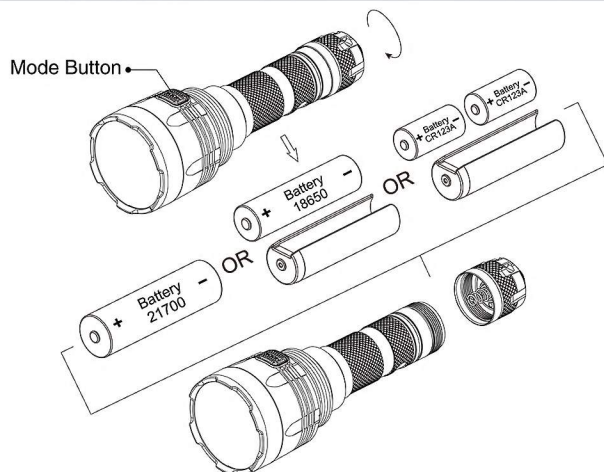
Technical Data

FL1 STANDARD	TURBO	HIGH	MID	LOW	ULTRALOW	STROBE	SOS	BEACON
	1,000 Lumens	400 Lumens	220 Lumens	70 Lumens	1 Lumen	1,000 Lumens	1,000 Lumens	1,000 Lumens
	*1h 15min	4h	7h	23h	950h	—	—	—
	618m	425m	299m	175m	21m	—	—	—
	95,500cd	45,200cd	22,300cd	7,600cd	110cd	—	—	—
	1m (Impact Resistance)							
	IP68, 2m (Waterproof and Submersible)							

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using 1 x 21700 Li-ion battery (5,000mAh) 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.

Battery Installation



(English) NEW P30

Operating Instructions

Battery Installation

Insert the battery(s) as illustrated and screw to tighten the tail cap.

Warnings:

1. Ensure the battery(s) is/are inserted with the positive end towards the head. The product will not work if the battery(s) is/are incorrectly inserted.
2. Please use the battery magazine when using 1x18650 / 2xCR123 batteries to avoid battery rattling and to ensure a stable contact.
3. DO NOT direct the beam to the naked eyes.
4. When the product is kept in a backpack or left unused for prolonged time, please remove all batteries to prevent accidental activation or battery leakage.

Tactical Momentary Illumination

Half press and hold the Tail Switch to turn on the light momentarily. Release to turn it off.

On / Off

On: When the light is off, press the Tail Switch until a click sound is heard to turn it on.
Off: When the light is on, press the Tail Switch until a click sound is heard to turn it off.

Brightness Levels

When the light is on, short press the Mode Button to cycle through the following brightness levels: ULTRALOW – LOW – MID – HIGH – TURBO.

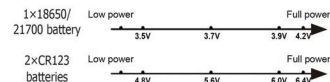
Special Modes

(STROBE / SOS / BEACON)

- When the light is on, long press the Mode Button to access the STROBE Mode.
 - When the STROBE Mode is on, long press the Mode Button each time to cycle through the following special modes: STROBE – SOS – BEACON.
 - When one of the special modes is on, short press the Mode Button to exit special modes and access the previous memorized brightness level.
- Note: The NEW P30 has mode memory. When reactivated, the flashlight will automatically access the previous memorized brightness level or STROBE mode (BEACON and SOS excluded).

Power Indication

- When the light is off, click the Tail Switch while holding the Mode Button to access Power Indication. The blue power indicator beneath the Mode Button will flash to show the battery voltage ($\pm 0.1V$). The flashlight will be automatically turned on after this process.
- For example, when the battery voltage is at 4.2V, the power indicator will flash 4 times followed by a 1.5-second pause and 2 more flashes. Different voltages represent the corresponding remaining battery power levels:



- When the light is on and the power level is close to 50%, the power indicator will flash slowly to inform the user. When the light is on and the power is close to depleted, the power indicator will flash quickly and continuously to inform the user.

ATR

(Advanced Temperature Regulation)

The integrated ATR technology regulates the output of the NEW P30 according to the working condition and ambient environment to maintain the optimal performance.

Changing Batteries

The batteries should be replaced when the output appears to be dim or the flashlight becomes unresponsive due to low power.

Maintenance

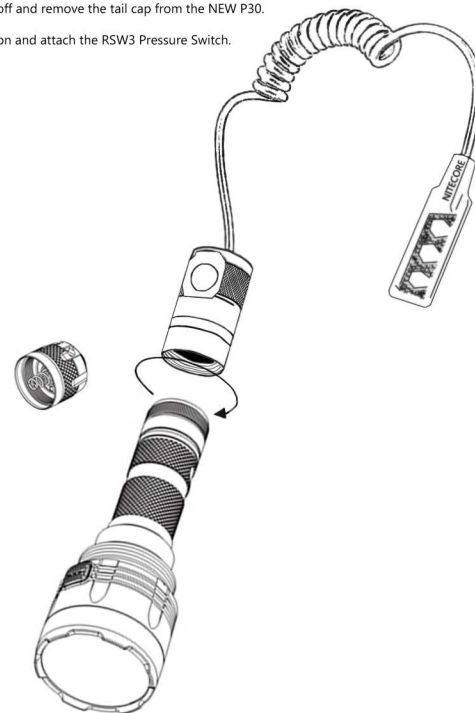
Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant.

Pressure Switch - RSW3

RSW3 Installation Instructions

1. Twist off and remove the tail cap from the NEW P30.

2. Twist on and attach the RSW3 Pressure Switch.



Operating Instructions

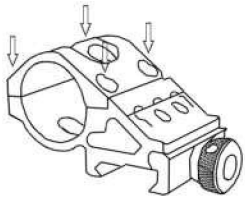
The RSW3 gives you two new ways to use your light: the side switch on the tail cap or the pressure pad.

- For constant on and off, click the tail cap side switch. The tail cap switch preserves mode memory and will return your light to the setting you were on previously.
- To operate the pressure pad, while the light is off, press and hold the pressure pad for momentary on and release for off. The pressure pad preserves mode memory and will activate at the setting you were on previously.

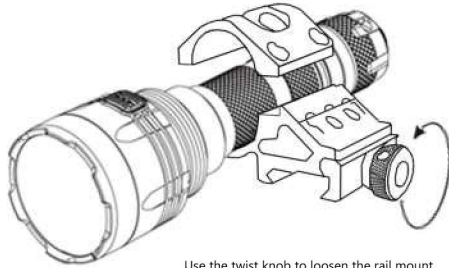
Offset Mount

Operating Instructions

Use the provided allen wrench to loosen the 4 hex bolts on the top of the Offset Mount.



Seat the NEW P30 into the mount and tighten the 4 hex bolts to secure the flashlight.

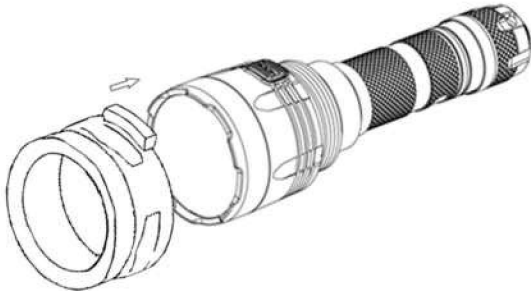


Use the twist knob to loosen the rail mount, once secured to a picatinny rail, twist to tighten.

NFG50 NFR50 Filters

Operating Instructions

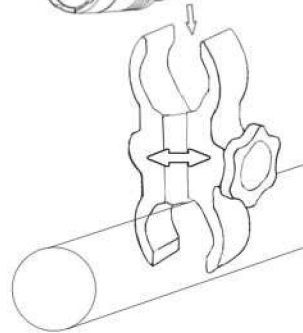
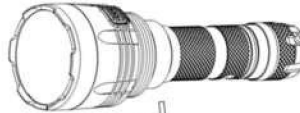
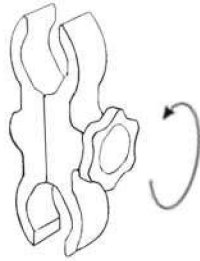
The NFG50 and NFR50 filters can be fitted on the front of the NEW P30.



High Clearance Mount

Operating Instructions

Loosen the twist knob on the High Clearance Mount until you can seat the NEW P30. Tighten the twist knob once fastened on a scope or barrel.



Product Support

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