

Concept Series Concept 1



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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 60 months from the date of purchase. After 60 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

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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.
3. The product(s) is/are damaged by leakage of batteries.

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.

A The head of Concept 1 will generate heat in Turbo mode soon, so it is not recommended to use Turbo mode for a long time in case of scalding.

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Made in China

(English) Concept 1 User Manual

Features

- Ultra-high output in a small size flashlight
- Utilizes an LED CREE XHP35 HD E2 LED with a max output of up to 1800 lumens
- Max beam intensity of up to 12,100cd and max distance of up to 220 meters
- Crystal Coating Technology combined with "Precision Digital Optics Technology" for extreme reflector performance
- Max runtime of up to 300 hours
- Built-in ATR controls 5 brightness levels and 3 special modes
- With integrated power circuit, the Concept 1 blink to indicate remaining battery power and reports battery voltage to the nearest ±0.1V
- Features intelligent memory function (except for SOS and location beacon modes)
- High efficient constant current circuit board provides constant illumination
- The built-in ATR module automatically regulates its output and adapts to the ambient environment to maintain optimal performance
- Reverse polarity protection
- Toughened ultra-clear mineral glass with anti-reflective coating
- Magnetic tail cap with stand capability
- Constructed with aircraft grade aluminum alloy with HAIII military grade hard-anodized finish
- Waterproof in accordance to IPX8 (two meters submersible)
- Impact resistant to 1 meter

Dimensions

Length: 111.5mm (4.39")
Head Diameter: 24.5mm (0.96")
Tail Diameter: 23.8mm (0.94")
Weight: 61.9g (2.18oz) (without battery)

Accessories

Holster, clip, lanyard, spare O ring

Battery options

	Type	Nominal voltage	Compatible
NITECORE NL1835HP (3500mAh)	18650	3.6V	Yes (Recommended)
Rechargeable IMR18650 Li-ion Battery	IMR 18650	3.6V	Yes (Recommended)
18650 Rechargeable Li-ion battery (output current higher than 8A)	18650	3.7V	Yes
Primary Lithium battery	CR123	3V	Yes
Rechargeable Li-ion battery	RCR123	3.7V	Yes

Output & Runtime

F11 STANDARD	Turbo	High	Mid	Low	Ultralow	Strobe	SOS	Beacon
1800LUMENS	810LUMENS	300LUMENS	80LUMENS	1LUMEN	1800LUMENS	1800LUMENS	1800LUMENS	1800LUMENS
*30min	*1h30min	4h	15h	300h	—	—	—	—
220 meters	153 meters	84 meters	40 meters	5 meters	—	—	—	—
+ 12,100 cd	5,850 cd	1,780 cd	400 cd	6.5 cd	—	—	—	—
					1 meter (Impact Resistance)			
						IPX8, 2 meters (waterproof and submersible)		

NOTE: The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, April 2000. IMR 18650 battery (3.6V, 3100mAh) under laboratory conditions. The data may vary in real-world use due to different battery use or environmental conditions.

* The runtime for Turbo mode and High mode are the testing result before starting temperature regulation.

* The Turbo 1800 lumens requires the use of rechargeable IMR18650 or 18650 Li-ion batteries with output current higher than 8A. If use 18650 Li-ion batteries with output current lower than 8A, the Turbo is not accessible or the Concept 1 will turn off suddenly. And the Turbo is not accessible with CR123A or RCR123A batteries.

Operating Instructions

Battery Installation

Insert battery as illustrated in the diagram. Upon battery installation, the light blinks to report battery voltage (refer to the Power-Tip section for details) and enters the Standby status.

Warning

- Ensure battery is inserted with the positive (+) end pointing to the head of the light. The light will not operate with incorrectly inserted batteries.
- 2. When using Turbo mode, the head of Concept 1 will get hot. It is not recommended to use Turbo mode for a long time in case of scalding.
- 3. Concept 1 contains dangerous radiation! Don't look into the light! Maybe dangerous for your eyes.
- 4. If the power tip reports the voltage level of the battery is low, stop using the light and take out the battery to charge.
- 5. Do not submerge the product in water or any liquid when it has generated sufficient heat, doing so will cause pressure inequalities and significantly increase risk of water damage.

Mode Selection

The Concept 1 has two operating modes:

- General Mode: offers direct access to the Turbo brightness from Standby
- Tactical Mode: offers direct access to the Strobe from Standby

To switch between the General mode and the Tactical mode, follow the steps below:

1. Turn off the light. Loosen the tall cap for half a turn.
2. Tighten the tall cap while pressing and holding down the side switch simultaneously.
3. The light will blink to indicate which mode has been selected. A single blink indicates General Mode, and two blinks indicate Tactical Mode.

On/Off Operation

Standby Status

Upon battery installation, the Concept 1 will enter standby status.

NOTE: When the product is placed in a backpack or stored for a long time, please loosen the tallcap to avoid accidental activation.

Turn On

When the light is in the standby status:

1. Press and hold down the side switch until the light is turned on to the memorized brightness
2. Tap the side switch twice quickly to activate the ultra-low brightness
3. Tap the side switch three times quickly to turn it off and go back to the standby status.

Quick Access to Turbo: In any illumination mode, press and hold down the side switch to enter the Turbo. Simply release to revert to the memorized brightness.

Brightness Selection

In brightness selection mode, when the light is in standby status, hold down the side switch until the light enters the memorized brightness level from last time. Continue to hold down the switch to cycle through "Ultra-low-med-high-turbo". Release the switch to select and memorize the current brightness level. To reselect brightness level, tap the switch once to turn off the light and hold down the switch to cycle through 5 brightness levels.

Special Mode (Strobe/SOS/Beacon)

To enter the special mode:

1. When in Standby mode, quickly tap the switch 3 times
2. When in any illumination status, quickly tap the switch 3 times

In the strobe mode, hold the switch for 1 second to enter SOS mode; and then release and hold the switch for over 1 second to enter beacon mode. By the same operation to cycle through "strobe-SOS-beacon". To exit the special modes, simply tap the switch once to turn off the light and enter standby.

ATR(Advanced Temperature Regulation)

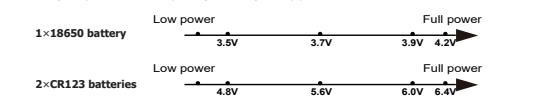
With Advanced Temperature Regulation module, the Concept 1 regulates its output and adapts to the ambient environment, maintaining optimal performance.

Note: When the Concept 1 is overheated, the turbo cannot be turned on.

Power Tips

When power is off, every time the battery is inserted, the light will report battery voltage (to the nearest ±0.1V) during reporting battery voltage, tap the switch to stop it. For example, when the battery voltage is at a maximum charge of 4.2V, the power indicator will blink 4 times, followed by 1.5 seconds pause and 2 more blinks before entering the standby status.

Different voltages represent the corresponding remaining battery power levels:



Note: when using two CR123/RCR123 in series, the flashlight only reports the average voltage of the two batteries.

Changing Batteries

Batteries should be recharged or replaced if any of the following occurs: output appears to be dim or the flashlight becomes unresponsive.

Maintenance

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

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Thanks for purchasing NITECORE!

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C1003120

(Español) Concept 1 Manual de usuario

Características

- Ultra alta intensidad en una pequeña linterna
- Utiliza un LED CREE XHP35 HD E2 LED con una potencia máxima de hasta 1800 lúmenes
- Intensidad máxima del haz de hasta 12,100cd y distancia máxima de hasta 220 metros
- Tecnología de recubrimiento del cristal combinada con "Tecnología óptica de precisión digital" para un rendimiento extremo del haz
- Duración máxima de batería de hasta 300 horas
- El botón lateral controla los 5 niveles de intensidad y 3 modos especiales
- Con indicador de batería integrado, la Concept 1 permite indicar la carga restante de la batería y reporta el voltaje con un punto de precisión ±0.1V
- Función de memoria inteligente (excepto para SOS y baliza de localización)
- Modo de alta eficiencia constante que proporciona una iluminación constante
- El módulo ATR incorporado regula automáticamente la intensidad y se adapta al medio ambiente para mantener rendimiento óptimo
- Protección contra polaridad inversa
- Fortalecido ultra-mineral glass con revestimiento anti-reflejo
- Cabeza magnética con capacidad para sostenerse sobre la misma
- Construida con aleación de aluminio de grado aeronáutico con anodizado de grado militar HAIII
- Resistente al agua y acuerdo con IPX8 (sumergible 2 metros)
- Resistente a impactos desde 1 metro

Dimensiones

Largo:	111.5mm (4.39")
Diámetro de la cabeza:	24.5mm (0.96")
Diámetro trase:	23.8mm (0.94")
Peso:	61.9g (2.18oz) (sin batería)

Largo:

111.5mm

Diámetro:

24.5mm

Gewicht:

61.9g

(ohne Akku)

Diámetro:

24.5mm

Gewicht:

61.9g

(sin batería)

Diámetro:

23.8mm

Gewicht:

61

