

NITECORE®

MH40 Pro

Ultra Bright Long Range Hunting Flashlight

UHi LED inside



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New Upgrades New Adventures



NiteLab UHi LED

Both NiteLab and NITECORE belong to SYSMAX which is dedicated to exploring LED technology to reinvent the portable lighting LED solutions. NiteLab cooperates with an industrial partner to jointly develop the UHi LED Series, specially designed for professional portable lighting products. Featuring high light density and high beam intensity, the UHi LED utilizes the round light emitting surface (LES) to achieve an optimal lighting effect and beam distance, which challenges the impossible and begins a new era of the flashlight LED.

UHi LED Family

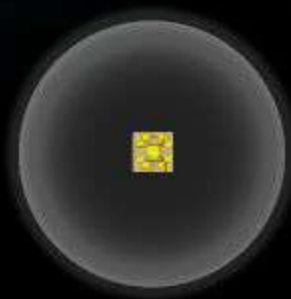
UHi 10 UHi 20/MAX UHi 40/MAX UHi 50 UHi 100



UHi 40 MAX LED

Shine Brighter, Shine Further

Utilizes 1 x UHi 40 MAX LED and an optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT) for brighter light, further range, and longer runtime.



The round reflector helps improve the reflectivity and focusing efficiency to maximize the range and output.

The background of the advertisement is a dark, atmospheric night scene in a forest. A bright, circular beam of light from a flashlight, held in the foreground on the right, illuminates a path and a deer in the distance. The trees are silhouetted against the dark sky, and the ground is covered in foliage and rocks. The overall tone is mysterious and emphasizes the power of the flashlight in low-light conditions.

3500 Lumens 1300 Meters

Astonishing Output Through the Darkness

Provides a max beam intensity of 423,000cd, ideal for search, patrolling, caving, SAR (search and rescue), law enforcement, and more.

*The stated data is tested using NITECORE NBPI00R (10,000mAh) under laboratory conditions without activating temperature regulation. The data may vary in real world use due to different battery usage or environmental conditions.



MH40 Pro



Output



40%

3,500 Lumens

Competitor

2,500 Lumens

MH40 Pro



Range



24%

1,300 Meters

Competitor

1,050 Meters

*The stated data is tested using NITECORE NBPI00R (10,000mAh) under laboratory conditions without activating temperature regulation. The data may vary in real world use due to different battery usage or environmental conditions.



10000mAh
Battery Pack

62h Extended Runtime

A NITECORE NBP100R rechargeable Li-ion battery pack is included that fits snugly without rattling inside the flashlight. Equipped with a USB-C charging port, it can also double as an emergency power supply.



Flexible Battery Option
Compatible with 2 x 21700 batteries



Tactical Tail Switch
Half press for momentary-on
Full press for constant-on

Mode Button
When the light is on, short press
to cycle through brightness levels.

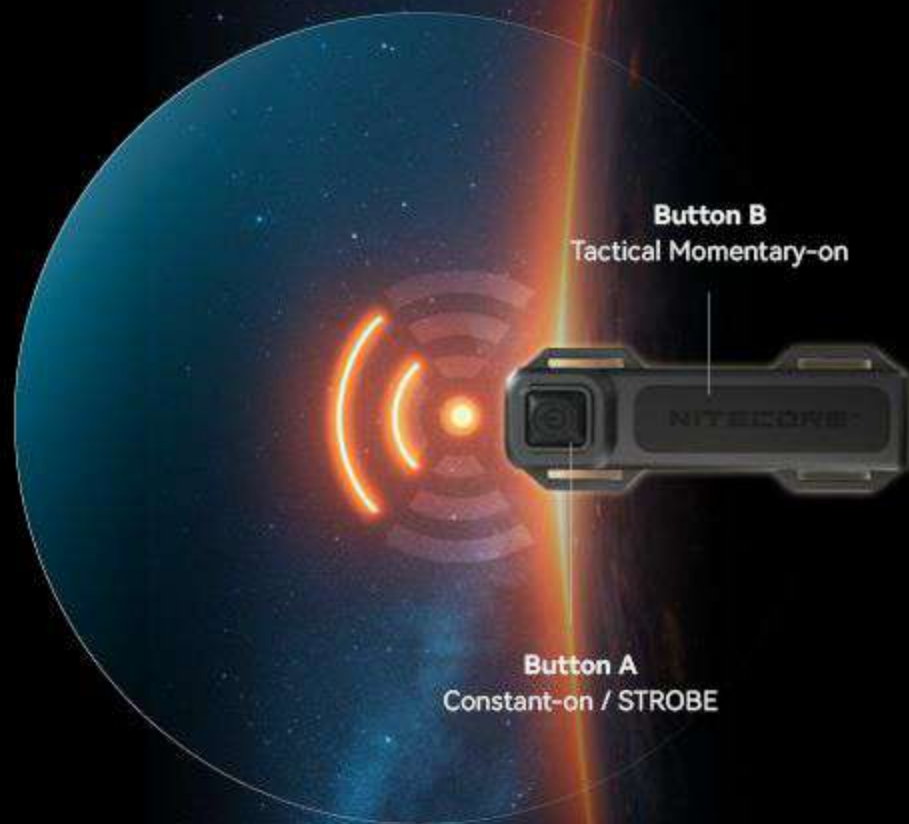
Straightforward Operation

2.4G Wireless Control

1m (3.28ft) Maximum Signal Range



A wireless remote switch is included for wireless control and quick response.

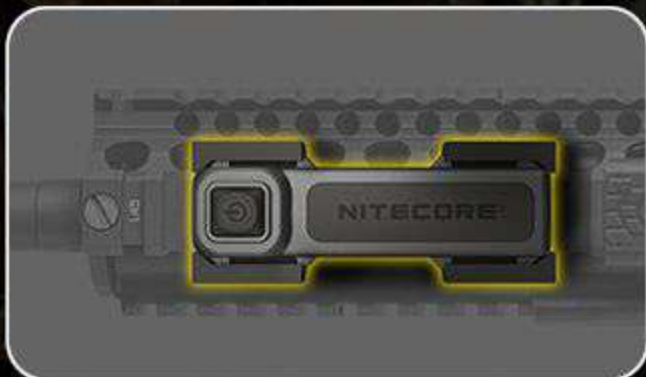


Powered by 1 x 3V CR1632 button cell battery, it enables approx. 4,000 presses and can stand by for approx. 12 months on a full charge.

Multiple Tactical Accessories



Hook-and-Loop Fastener
Stick the wireless remote switch on anywhere you want.



Picatinny Rail Mounts (Optional)
The wireless remote switch can be easily mounted on the rail for tactical use.



Hook-and-Loop Straps
Fasten the wireless remote switch flexibly. Turn on/off the flashlight at any time.

Randomly Changing STROBE Mode

The randomly changing frequencies can cause stronger dizzying effects due to the inadaptability of the naked eyes.



Intelligent Mode Memory Function

Automatically accesses the previous memorized brightness level or STROBE Mode (SOS and BEACON excluded) when reactivated for quick response.





Intuitive Power Indication

The power indicator beneath the Mode Button will flash to show the remaining battery power.

- 3 Flashing 3 times: $\geq 50\%$
- 2 Flashing 2 times: $< 50\%$
- 1 Flashing 1 time: $< 25\%$



Low Power Vibration Indication

When the remaining power is below 10%, the MH40 Pro will vibrate every 10 seconds to remind the user to recharge the flashlight.

Rugged and Durable Design



ATR (Advanced Temperature Regulation)

(Patent No. ZL201510534543.6)

The integrated ATR technology regulates the output of the MH40 Pro according to the working condition and ambient environment to maintain the optimal performance.



Highly Efficient Constant Circuit (Non-PWM)

The constant brightness beam without flashing guarantees a comfortable visual experience.

Non-PWM PWM





IP68 Rated

2m Submersible and Waterproof

Technical Data

Using the NITECORE NBP100R Li-ion Battery Pack:

FL1 STANDARD						
TURBO	3,500 Lumens	*45min	1,300m	423,000cd	1m	IP68, 2m (Waterproof and Submersible)
HIGH	1,300 Lumens	4h 15min	920m	214,000cd		
MID	400 Lumens	13h	490m	60,490cd		
LOW	80 Lumens	62h	220m	12,530cd		
STROBE	3,500 Lumens	—	—	—		
BEACON	3,500 Lumens	—	—	—		
SOS	3,500 Lumens	—	—	—		

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using NITECORE NBP100R (10,000mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

*The runtime of TURBO is tested without the temperature regulation.

Using 2 x 21700 Li-ion Batteries:

FL1 STANDARD						
TURBO	2,000 Lumens	*1h	900m	203,000cd	1m	IP68, 2m (Waterproof and Submersible)
HIGH	1,200 Lumens	4h 15min	800m	160,000cd		
MID	400 Lumens	15h	490m	60,490cd		
LOW	80 Lumens	65h	220m	12,530cd		
STROBE	2,000 Lumens	—	—	—		
BEACON	2,000 Lumens	—	—	—		
SOS	2,000 Lumens	—	—	—		

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019, using 2 x 21700 Li-ion batteries (8,000mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

*The runtime of TURBO is tested without the temperature regulation.

Features

- Utilizes a UHi 40 MAX LED with a max output of 3,500 lumens
- Max peak beam intensity of 423,000cd and max throw of 1,300 meters
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Includes a NITECORE rechargeable Li-ion battery pack (NBP100R 10,000mAh) with a built-in USB-C charging port, offering a runtime up to 62 hours
- Compatible with 2 x 21700 batteries for power supply
- Low power vibration indication
- The tactical tail switch and the mode button control 4 brightness levels and 3 special modes
- STROBE Mode uses randomly changing frequencies for stronger dizzying effects
- A power indicator beneath the mode button indicates the remaining battery power
- Highly efficient constant current circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)





Package List

- MH40 Pro
- Wireless Remote Switch
- Hook-and-Loop Fastener
- Hook-and-Loop Strap x 2
- Picatinny Rail Mount x 2 (optional)
- NITECORE NBP100R Li-ion Battery Pack (10,000mAh)
- USB-C Charging Cable
- Spare O-ring
- Holster
- Lanyard

