

(English) MT21C User Manual

**Features**

- Multifunctional 90° adjustable flashlight
- Utilizes a CREE XP-L HD V6 LED
- Max output up to 1000 lumens
- Integrated "Precision Digital Optics Technology" provides unparalleled reflector performance
- Boasts a peak beam intensity of 8500cd and a max throw of 184 meters
- Side switch controls 5 brightness levels and 3 special modes
- High efficiency constant current provides unwavering output with runtime up to 700 hours
- Impact resistant circuit provides light displays remaining battery power
- Power indicator displays battery voltage (accurate to ±0.1V)
- Advanced Temperature Regulation module
- Polarity reverse protection
- Toughened ultra-clear mineral glass with anti-reflective coating
- Constructed from aero grade aluminum alloy with HAIII military grade hard-anodized finish
- Waterproof in accordance with IPX8 (two meters submersible)
- Impact resistant to 1 meter
- Magnetic base and tall stand capability

**Dimensions**

Length: 131mm (5.16")  
Head Diameter: 25.4mm (1")  
Tail Diameter: 25.4mm (1")  
Weight: 103.5g (3.65oz)

**Accessories**

Spare O-ring, lanyard, clip, holster

**Battery Options**

	SIZE	Nominal Voltage	Compatible
18650 rechargeable Li-ion battery	18650	3.6V/3.7V	Y (Recommended)
Primary Lithium battery	CR123	3V	Y (Recommended)
Rechargeable Li-ion battery	RCR123	3.6V/3.7V	Y

**Technical Parameter**

F11 STANDARD	Turbo	High	Mid	Low	Ultra-low	Strobe	Beacon	SOS
1000 LUMENS	400 LUMENS	190 LUMENS	50 LUMENS	1 LUMEN	1000 LUMENS	1000 LUMENS	1000 LUMENS	
① *1h 3h45min 7h30min 25h	1000 LUMENS	400 LUMENS	190 LUMENS	50 LUMENS	1 LUMEN	1000 LUMENS	1000 LUMENS	
184m 122m 85m 42m	1000 LUMENS	400 LUMENS	190 LUMENS	50 LUMENS	1 LUMEN	1000 LUMENS	1000 LUMENS	
8500cd 3720cd 1800cd 450cd	10cd	—	—	—	—	—	—	
1m (Impact Resistance)	—	—	—	—	—	—	—	
IPX8, 2m (Waterproof And Submersible)	—	—	—	—	—	—	—	

**NOTICE:** The above data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1 using 1x18650 Li-ion battery (3500mAh). 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 Instructions**

The head of MT21C can be adjusted from 0°- 90° based on user's need.

**Battery Removal / Removal**

As illustrated, after unscrewing the battery cap, insert / remove the battery(s) and screw to tighten the battery cap. Upon battery installation, the light blinks to report battery voltage (refer to the Power Tip section for details).

**NOTE:**

1. Ensure the batteries are inserted correctly. The MT21C will not operate if batteries are incorrectly inserted.

2. Avoid shorting the contacts.

3. When the flashlight is kept in a backpack, loosen the tail cap to prevent accidental activation of the flashlight; When it is left unused for extended periods of time, please remove all batteries to prevent battery leakage.

**On/Off**

**Turn on:** When the light is off, press and hold the On/Off switch to enter the Ultra-low mode.

**Turn off:** When the light is on, press and hold the On/Off switch to turn off the light.

**Brightness Selection**

When the light is on, tap the On/Off switch to cycle through "Ultralow-Low-Mid-High-Turbo".

**Constant Turbo**

When the light is off, press and hold the On/Off switch to enter Ultralow and then Turbo. Release the button once Turbo is activated for constant output.

**Momentary Turbo**

When the light is off, press and hold the On/Off switch to enter Ultralow and then Turbo. Release the button after 2.5 seconds to exit.

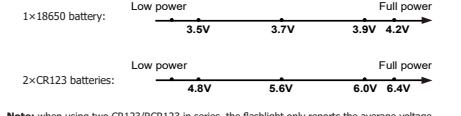
**Special Mode (Strobe/SOS/Beacon)**

In any state, quickly tap the On/Off switch 3 times successively to enter Strobe. Tap the On/Off switch again to cycle through "Beacon-SOS-Strobe". To exit, simply press and hold the On/Off switch.

**Power Tips**

1. When the light is on, the power indicator will blink once every two seconds when power level drops to 50%; the power indicator will blink quickly when power level is low.

2. When the light is off, tap the On/Off switch, the blue indicator will report battery voltage (to the nearest ±0.1V). For example, when the battery voltage is at a maximum of 4.2V, the blue indicator will blink 4 times, followed by a one second 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 between the two batteries.

**ATR (Advanced Temperature Regulation)**

With Advanced Temperature Regulation module, the MT21C regulates its output and adapts to the ambient environment, maintaining optimal performance.

**Changing Batteries**

Batteries should be recharged or replaced if any of the following occurs: the blue indicator blinks quickly; 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.

**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 defects or malfunctions of NITECORE® products will be repaired or replaced 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.

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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The following information is provided for reference purposes only:

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. (i.e. reverse polarity installation)

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

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## (日本語) MT21C 説明書

### 製品特徴

- ヘッド部の角度を 90°まで調節できるマルチファンクションフラッシュライト
- CREE XP-L HD V6 LED を使用
- 最大光束 1000 ルーメン
- 精密デジタル光学テクノロジー (PDOT) により究極のリフレクション性能を実現
- 最大光量 8500cd、最大射距離 184 m
- サードスイッチで 5つの明るさレベルと 3つのベビーモードを操作可能
- 高光率の電池充電路により安定した充電と最長 700 時間の使用を実現
- 組立式ワーピングジャッキーターゲが電池残量をお知らせ
- ワーピングジャッキーターゲが電池残量をお知らせ (誤差 ±0.1V)
- 高能率調節機能 (ATR) を搭載
- 電池の逆走防止機能付
- 反応式モードで操作可能
- HAIII 防止マイクで処理をほどこした航空宇宙用アルミニウム合金を使用
- 防水性能 IPX8 (2m 潜水まで)
- 耐衝撃性 1 m
- 自立可能な磁気テールキャップ

### 寸法

#### アクセサリー

スペア O リング、ストラップ、ホルスター

長さ:

131mm

ヘッド部直径:

25.4mm

テール部直径:

25.4mm

重量:

103.5g

### 使用可能な電池

	サイズ	電圧	互換性
18650 リチウムイオン充電池	18650	3.6V/3.7V	Y (要換)
リチウム電池	CR123	3V	Y (要換)
リチウムイオン充電池	RCR123	3.6V/3.7V	Y

### テクニカルパラメーター

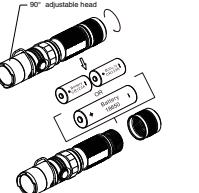
FL1 STANDARD	ターボ	ハイ	ミドル	ロー	ウルトラロー	ストロボ	ビーコン	SOS
18650	1000 ルーメン	400 ルーメン	190 ルーメン	50 ルーメン	1 ルーメン	1000 ルーメン	1000 ルーメン	1000 ルーメン
①	*1h 3h 45min	7h 30min	25h	700h	—	—	—	—
■	184m	122m	85m	42m	6m	—	—	—
*	8500cd	3720cd	1800cd	450cd	10cd	—	—	—
✓	1m (耐衝撃性)							
IPX8	IPX8, 2m (防水、潜水)							

注記: 上記データは、フラッシュライトの実際の規格 ANSI/NEMA FL1 に準じ、18650 リチウムイオン電池 (3500mAh) 1本を使用して実験室で測定したものです。実際の使用にさいては、バッテリーや使用環境の違いによりばらつきが出ることがあります。

\* ターボモードの使用時間は、温度調節機能により明るさレベルが下がるまでの時間を計ったテスト結果に基づきます。

### 使用方法

MT21C のヘッドは使用目的に応じて 0°~90°まで角度を変えられます。



電池の入れ方

図のようにキャップを外して電池を入れ、しっかりとネジを締めください。電池をいれるときに点灯が点滅して電圧を確認できます。(詳しくは電池残量の項目をご覧ください)。

ノーマル

1. 電源を正しくいれてください。間違った入れ方では動かせません。

2. 光源を直接見ないでください。

3. カバンなどに入れて持ち歩くときは、誤点灯を防ぐためテールキャップを必ず閉めてください。長期使用しないときは漏洩を防ぐため電池を抜いてください。

オフ

オフ: ライトが消えているとき、電源スイッチを長押しするとウルトラーモードで点灯します。

オフ: ライトがついているとき、電源スイッチを長押しするとライトが消えます。

明るさレベルの選択

ライトがついているとき、電源スイッチを押すと明るさが“ウルトラー - ロー - ミドル - ハイ”と切り替わります。

ターボモードでの点灯

ライトが消えているとき、電源スイッチを長押ししたままにすると、ウルトラーモードで点灯した後ターボモードに切り替わります。そこでスイッチをはずすとターボで点灯した状態となります。

ターボモードでの一時的な点灯

ライトが消えているとき、電源スイッチを長押ししたままにすると、ウルトラーモードで点灯した後ターボモードに切り替わります。そのまま 2.5 秒以上スイッチを押し続けると、押している間にターボで点灯しつづけます。

スペシャルモード (ストロボ / SOS / ビーコン)

どのような状況からでも、電源スイッチを 3 回早く押すとストロボモードになります。その状態で再度スイッチを押すと“ビーコン - SOS - ストロボ”の順にモードが切り替わります。電源スイッチを長押しするときもスベマロードから抜けます。

### 電池残量

1. ライト点灯時にバッテリー残量が 50%まで落ちた場合、ワーピングジャッキーターゲは 2 秒以内に 1 回点滅します。バッテリーが残り少なくなると、ワーピングジャッキーターゲが高速で点滅します。

2. ライトがオフのとき電源スイッチを押すと、青色のワーピングジャッキーターゲが点滅して電圧をお知らせします (誤差 ±0.1V)。例えば、バッテリー電圧が最大の 4.2V の場合、ワーピングジャッキーターゲが一度点滅し、1 秒あけてからさらに 2 回点滅します。点滅は実際の電圧ではなく、最大容量と仮定して行われますので、電池の最大容量が違うときは図のように読みかえてください。

Low power: 3.5V, 3.7V, 3.9V, 4.2V  
Full power: 4.2V

2×CR123 batteries: 4.8V, 5.6V, 6.0V, 6.4V

ノート: CR123/RCR123 を使用しているときは、電池 2 本を平均した電圧をお知らせします。

高性能温度調節機能 (ATR)

本器は高性能温度調節機能 (ATR) を搭載しており、最適な性能が発揮できるよう状況に応じて出力レベルを調節します。

### 電池の充電

以下の状況になった場合は電池を充電するか取り替えてください: 青色のワーピングジャッキーターゲが高亮度で点滅する; 光源が暗くなるまたはライトが反応しなくなる。

メンテナンス

6 ケ月ごとに、ねじ山をきれいな布で拭いてからシリコンベースの潤滑剤を薄く塗ってください。

### 保証サービス

すべての NITECORE® 製品には品質保証があります。NITECORE® 製品は、すべての初期不良/不具合について、購入後 15 日以内であれば取扱代理店 / 販売店を通じて交換いたします。

1. 製品をすべての不具合について、購入後 15 日以内であれば取扱代理店 / 販売店を通じて交換いたします。

2. 正しくない使い方によって、製品が壊れた場合 (例: 電池の逆入れ)。

3. 電池の液漏れにより製品が壊れた場合。

NITECORE® 製品およびサービスに関する最新情報については、現地の NITECORE® 代理店 / 販売店にお問い合わせください。もしも e-mail は service@nitechore.com までメールでお問い合わせください。

\* 本書に記載されている全ての画像・文書・文は参考資料です。このマニュアルと www.nitechore.com で指定された情報が異なる場合、SYSMAX Innovations Co., Ltd. は予告なしにいつでも本書の内容を変更・修正する権利を留保します。

## (韓국어) MT21C 사용자 설명서

### 특징

- 다기능 90° 각도 조절 손전등
- CREE XP-L HD V6 LED 사용
- 최대 출력 1000 루멘
- 비교할 수 없는 반사체 성능을 제공하는 통합 “정밀 디지털 광학 기술”
- 최대 빛 8500cd 와 최대 184 m
- 5단계 스위치와 3개의 페리페리 모드를 제공합니다.
- 사이드 스위치는 5 가지 밝기 레벨과 3 가지 특수 모드를 제공합니다.
- 고효율 상수 흐름으로 고장난 출�력과 최대 700 시간의 랜턴입니다.
- 전원 표시등은 잔여 배터리 전력을 표시합니다.
- 전원 표시기는 배터리 전압을 표시합니다 (정확도는 ± 0.1V)
- 고급 năng률 조절 기능 (ATR) を搭載
- 전원의 역류 방지 기능
- 반응식 모드로 강화된 향상된 투명 미네랄렌즈를 사용
- HAIII 방지 코팅으로 처리한 항공 우주용 알루미늄 합금을 사용
- 방수 성능 IPX8 (2m 물深处まで)
- 충격 저항 1 m
- 자석 기반 테일 스텐드 기능

### 치수

길이: 131mm  
헤드부 직경: 25.4mm  
테일부 직경: 25.4mm  
무게: 103.5g

### 액세서리

예비 O 링, 스트랩, 홀스터

### 사용 가능한 배터리

	사이즈	전압	互換성
18650 리튬이온 배터리	18650	3.6V/3.7V	Y (要換)
리튬 배터리	CR123	3V	Y (要換)
리튬이온 배터리	RCR123	3.6V/3.7V	Y

### 기술 분석

FL1 STANDARD	Turbo	High	Mid	Low	Ultra-low	Strobe	Beacon	SOS
1000 루멘	400 루멘	190 루멘	50 루멘	1 루멘	1000 루멘	1000 루멘	1000 루멘	1000 루멘
① *1h 3h 45min	7h 30min	25h	700h	—	—	—	—	—
■ 184m	122m	85m	42m	6m	—	—	—	—
*	8500cd	3720cd	1800cd	450cd	10cd	—	—	—
✓	1m (耐衝撃性)							
IPX8, 2m (防水、潜水)	IPX8, 2m (Waterproof AND Submersible)							

주의: 위의 데이터는 1 × 18650 리튬 이온 배터리 (3500mAh) 1本を使用して実験室で測定したものです。実際の使用にさいては、バッテリーや使用環境の違いによりばらつきが出ることがあります。

\* ターボモードの使用時間は、温度調節機能により明るさレベルが下がるまでの時間を計ったテスト結果に基づきます。

### 使用方法

MT21C のヘッド은 사용目的에応じて 0°~90°까지 각도를 조절할 수 있습니다.

### 배터리 옵션

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#### 옵션