



FENIX
LIGHTING FOR EXTREMES

E16Ti MAX 650 LUMENS
COLLECTION EDITION
TITANIUM EDC FLASHLIGHT

2 INCHES LONG

16340 OR CR123A

(ENGLISH) Fenix E16Ti Flashlight

- Cree XP-L HI LED with a lifespan of 50,000 hours; max 650 lumens
- Body made of titanium, two-color oxidation finish; simple but unique
- 2.0" Length x 0.82" Head x 0.78" Body / 51 x 20.9 x 19.7 mm
- 0.88 oz / 25 grams (excluding battery)
- Compatible with 16340 Li-ion and 3V CR123A Lithium battery
- Automobile optical lens coating process for clearer vision
- Stainless steel side switch for one-switch control
- Two ways of avoiding accidental activation
- Low-voltage warning function
- Digitally regulated output maintains constant brightness
- Overheat protection against high surface temperature
- Reverse polarity protection to protect from improper battery insertion
- Anti-roll and anti-slip body

Operating Instruction ①

ON/OFF
With the light unlocked, press and hold the side switch for 0.5 seconds to turn on/off the light.

Output Selection
With the light switched on, single click the side switch to cycle through Eco→Low→Med→High.

Electronic Lockout Function
Lock: With the light unlocked, press the side switch twice within 0.5 seconds. The light will blink twice on Low to indicate locked status.

Unlock: With the light is locked, press the side switch twice within 0.5 seconds. The light will be unlocked and activated on Eco.

In locked status, clicking or pressing the switch will activate 2 one-second blinks to indicate locked status.

Physical Lockout Function
Rotate the two-way body clip to the right above of the side switch to avoid accidental activation, move the two-way body clip for normal use.

(中文) Fenix E16Ti手电

- 使用Cree XP-L HI LED，最高亮度650流明，寿命50000小时
- 筒身由钛合金材料打造，表面进行了双色氧化处理，简约高贵，个性独特
- 51毫米(长)×20.9毫米(筒头直径)×19.7毫米(筒身直径)
- 净重 25克(不含电池)
- 兼容16340锂离子电和3V耐用的CR123A 锂电池
- 采用汽车级镀膜工艺的纤薄透镜，提供清晰高效照明体验
- 颈部不锈钢按键，一键操控，方便快捷
- 具有双重防误按功能
- 具有低压警示功能
- 恒流电路，亮度恒定
- 具有过热保护，防止外亮温度过高影响使用舒适度
- 防反接设计，防止电池装反造成电路危害
- 防滑、防滚的外观设计

操作说明 ①

开/关机
非锁定状态下，长按按键0.5秒开/关机。

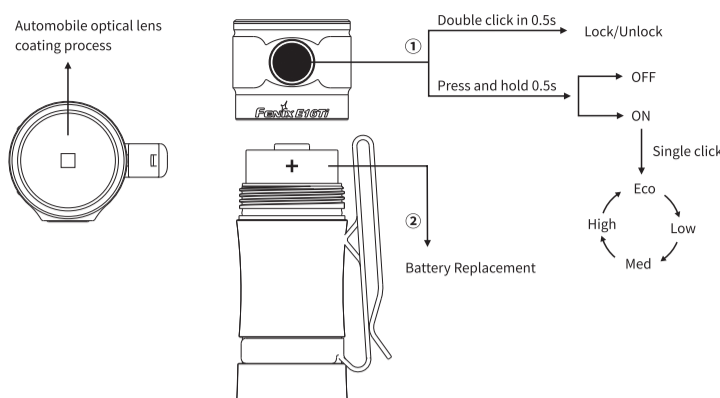
档位切换
开机状态下，单击颈部开关，即可按节能档→低亮档→中亮档→高亮档→循环的顺序调节亮度。

电子防误按(锁键&解锁)
锁定：关机非锁定状态下，0.5秒内连续单击颈部开关2次，手电以低亮档(30流明)闪烁2次，然后熄灭，代表进入锁定关机状态。

解锁：在关机锁定状态下，0.5秒内连续单击颈部开关2次，手电以节能档点亮，代表已经解锁并开机。

锁定状态中只响应解锁操作，单击电子开关，手电均会闪烁2次，提示目前处于锁定状态。

物理防误按
将双向抱夹旋转调整至颈部电子开关正上方，即可达到防误按作用，双向抱夹移开，即可解除。



Automobile optical lens coating process

Double click in 0.5s → Lock/Unlock

Press and hold 0.5s → OFF

Single click → ON

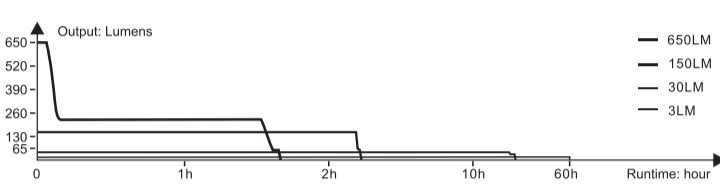
Single click → Eco

Single click → High

Single click → Med

Single click → Low

Battery Replacement



Output: Lumens

Runtime: hour

650LM

150LM

30LM

3LM

Technical Parameters

ANSI/PLATO FL1	HIGH	MED	LOW	ECO
OUTPUT	650 Lumens	150 Lumens	30 Lumens	3 Lumens
RUNTIME	1 hour 36 minutes*	2 hours 18 minutes	11 hours	60 hours
DISTANCE	131 meters	62 meters	27 meters	7 meters
INTENSITY	4350 candelas	984 candelas	188 candelas	12 candelas
IMPACT RESISTANCE	1 meter			
WATERPROOF	IP68, underwater 2 meters			

Test condition: one Fenix ARB-L16-700U rechargeable Li-ion battery, temperature 21 ± 3°C, humidity 50% - 80%.
* The runtime of High mode is the cumulative runtime with time-limited downshift active.

Battery Specifications

TYPES	DIMENSIONS	NOMINAL VOLTAGE	USABILITY	
Fenix ARB-L16-700U	16340	3.6V/3.7V	Recommended	√ √
Fenix ARB-L16-700UP	16340	3.6V/3.7V	Recommended	√ √
Fenix ARB-L16-700	16340	3.6V/3.7V	Recommended	√ √
Non-rechargeable Battery (Lithium)	CR123A	3V	Usable	√
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Caution*	!

*16340 Li-ion batteries are powerful cells designed for commercial applications and must be treated with caution and handled with care. Quality batteries with circuit protection will reduce the potential for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.

Battery Replacement ②

Unscrew the light head to insert the battery with the anode side (+) towards the light head, then screw the light head back on.

Time-limited Downshift

The light will accumulate a lot of heat when used on High output level for extended periods. The light will automatically step down by a few lumens to reduce temperature. When the temperature is reduced, the High output level can be reselected.

Low-voltage Warning

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until the lowest output is reached. When this happens in the lowest output mode, the flashlight blinks 3 times every 5 minutes to remind you to replace the battery. To ensure normal use, the flashlight will not turn off automatically and will work till the battery protection activates.
Note: This only works with 16340 Li-ion battery.

技术参数

ANSI/PLATO FL1	高亮档	中亮档	低亮档	节能档
亮度	650流明	150流明	30流明	3流明
续航时间	1小时36分*	2小时18分	11小时	60小时
射程	131米	62米	27米	7米
光强	4350坎德拉	984坎德拉	188坎德拉	12坎德拉
防跌落高度	1米			
防水等级	IP68, 水下2米			

测试条件: 1节Fenix ARB-L16-700U可充锂离子电池, 温度21±3°C, 湿度50%-80%
*高亮档续航为保留限时降档测试的累计续航

电池选用

电池类型	尺寸规格	标称电压	是否可用	
Fenix ARB-L16-700U	16340	3.6V/3.7V	推荐	√ √
Fenix ARB-L16-700UP	16340	3.6V/3.7V	推荐	√ √
Fenix ARB-L16-700	16340	3.6V/3.7V	推荐	√ √
一次性锂电池	CR123A	3V	可用	√
可充锂离子电池	16340	3.6V/3.7V	谨慎使用*	!

警告: *16340可充锂离子电池(Li-ion)属于工业电芯, 并非有安全保障的民用电池, 当电池品质不良或者使用不当(短路、高温等等)时可能发生燃烧、爆炸并危及人身和财产安全, 若使用此电池种类应明白其中的风险并自行承担相应的责任。使用品质优秀并带有保护电路的锂离子电池会在一定程度上降低风险。

电池更换 ②

旋开筒头装入标称电池, 注意将电池的正极方向对准灯头, 旋紧筒头即可工作。

限时降档

当手电长时间以高亮档工作时累积大量热量, 为避免外亮温度过高影响使用舒适度, 当手电工作在最高亮档持续工作一段时间后会逐渐降低亮度, 以避免手电迅速过热, 如需继续高流明照明, 需待温度降低后, 重新循环切换到高亮档。

低压警示

手电电路加入了低压警示功能, 如果手电检测到电池电压较低, 会逐步的自动降低当前工作档位, 直到降低到最低的亮度档位为止; 如果在最低的档位时, 仍然检测到电池电压较低, 则会每5分钟闪烁3次, 以提示您电池电量严重不足, 同时为了保证用户的正常使用, 手电不会主动关闭, 将会以这样的提示方式一直持续工作至电池保护功能启动为止。

注: 低压警示仅对16340锂离子充电电池有效。

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FC CE RoHS

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Usage and Maintenance

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Fenix recommends using an excellent quality battery.
- If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage.
- Lock the light or take out the battery to prevent accidental activation during storage or transportation. Recharge a stored battery every four months to maintain optimal battery performance.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.
- Periodic cleaning of the battery contacts improves the lamp's performance as dirty contacts may cause the lamp to flicker, shine intermittently or even fail to illuminate for the following reasons:
A: The battery needs replacing.
Solution: Replace battery (Ensure battery is inserted according to the manufacturer's specifications).
B: The threads, PCB board contact or other contacts are dirty.
Solution: Clean the contact points with a cotton swab soaked in rubbing alcohol.

If the above methods don't work, please contact your authorized distributor.

Included

E16Ti flashlight, ARB-L16-700U rechargeable Li-ion battery, Micro USB charging cable, Body clip, Lanyard, Spare O-ring, User manual, Warranty card, Information leaflet

Warning

This flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.

使用与维护

- 请勿拆卸手电头部密封部件, 否则会导致保修失效并可能损坏手电。
- 请使用优质电池, 并且长期不用手电时将电池从手电中取出, 并且至少每隔4个月左右给电池充一次电, 以免自耗电造成手电不能工作。
- 由于采用了颈部电子开关, 手电放在包里时可能因为挤压而误点亮。如果希望避免此问题, 您可以在把手电装入包中前, 将抱夹旋转到按键的正上方或将手电锁定。
- 长期使用后, 手电的O圈可能受损。如果发现了这种情况, 请您更换O圈以维持手电的防水性能。
- 请经常清洁手电的导电接触面以保证手电的正常工作, 特别是当手电出现异常的闪烁或者无法点亮的时候。以下是几个可能导致手电出现异常的闪烁或者无法点亮的原因:
原因一: 电池电量不足, 需要更换
解决方案: 更换电池或充电(装入新电池时请注意正负极方向)
原因二: 螺纹或者PCB板的导电接触面或其他接触面/接触点被弄脏了。
解决方案: 用酒精棉签清洁导电接触面或接触点。

如果上述方法无效, 请联系经销商并按售后服务条款保修。

产品组件

E16Ti手电, ARB-L16-700U可充锂离子电池, Micro USB充电线, 抱夹、手绳、备用防水圈、说明书、保修卡、产品小折页

警示

本产品亮度高, 请勿直视发光体, 以免造成视力损伤。

