

HL10中英文说明书AO

尺寸:360x110mm 105g铜板纸， 单黑印刷



HL10

Max 70 Lumens

User Manual

Illuminate Your Adventure

Fenix HL10 Headlamp

The Fenix HL10 headlamp puts 70 lumen max output in a featherweight case that opens to release a mini flashlight. Three brightness levels deliver a 90 degree beam with a 100 degree tilt inside the durable case that measures only 45.2 g.

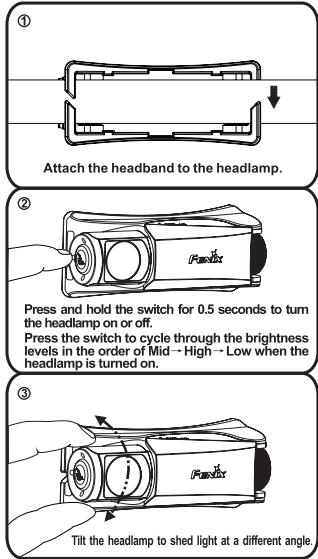
Technical Parameters

ANSI/NEMA FL 1		High	Mid	Low
OUTPUT		70 Lumens	27 Lumens	3 Lumens
RUNTIME	Ni-MH Battery	50min	2h 45min	27h
	Alkaline Battery	35min	2h 15min	30h
DISTANCE	15m(max)			
INTENSITY	55cd(max)			
IMPACT RESISTANT	1m			
WATERPROOF	IPX-8, underwater 2m			
ACCESSORIES	Battery, Spare O-ring			

Notice: The above-mentioned parameters (lab tested by Fenix using 750mAh Ni-MH battery and the included Alkaline battery) are approximate and may vary between lights, batteries and environments.
*The headlamp will drop down into the Mid output after working about 5 minutes in the High output. Therefore, the runtime of high output is an accumulated time.

- © Utilizes Cree XP-E LED with a lifespan of 50,000 hours
- © Uses one AAA (Ni-MH, Alkaline) battery
- © 69.5mm (Length) ×29.2mm (Width) ×28.2mm (Height)
- © 45.2-gram weight (excluding the battery)
- © Mini light stands upright when removed from the case
- © 100-degree tilt mechanism focuses the HL10 where needed
- © Digitally regulated output - maintains constant brightness
- © Reverse polarity protection guards against improper battery installation
- © Made of durable plastic and aluminum alloy
- © Premium Type III hard-anodized anti-abrasive finish
- © Toughened ultra-clear glass lens with anti-reflective coating

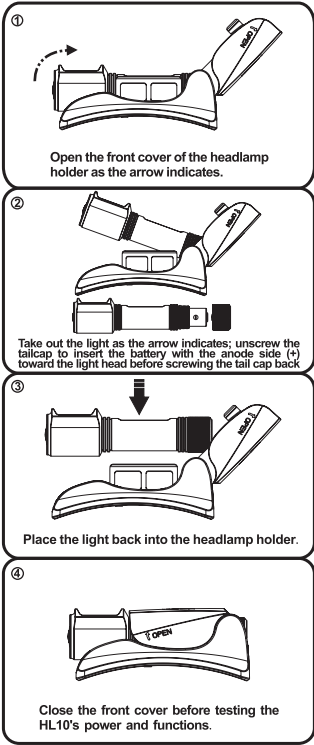
Operation Instruction



Intelligent memory circuit

The headlamp memorizes the last used brightness level. The next time you turn on the headlamp, it will light up at the last used brightness level.

Battery Replacement



Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AAA	1.2V	Recommended	✓
Alkaline Battery	AAA	1.5V	Usable	✓
Rechargeable Battery(Li-ion)	10440/10450	3.7V	Banned	✗

Warning:

- 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 risk for combustion or explosion but cell damage or short circuiting are potential risks the user assumes.
- If the headlamp is not to be used for an extended period, remove the battery, or the headlamp could be damaged by electrolyte leakage or battery explosion.
- Use only recommended high performance batteries with this high discharge light: A Ni-MH rechargeable cell is recommended as alkaline batteries will reduce the light's runtime.

Usage and Maintenance

- © Please don't disassemble the sealed head, as doing so can cause damage to the light and will void the warranty.
 - © The O-ring may be worn out after using for a long time. If it happens, please replace the O-ring with a new one to keep the light properly sealed against water.
 - © Please clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or not working light:
- Reason A:** The battery needs replacing.
Solution: Replace the battery (Please confirm the correct installation of anode and cathode).
- Reason B:** The threads, PCB board contact or other contacts are dirty.
Solution: Clean the contact points with an alcohol soaked cotton swab.
- If the above methods don't work, please contact the distributors and refer to the warranty policy.

Product Warranty

We will replace products with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited (www.fenixlight.com). You can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

HL10 is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.

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HL10中英文说明书A0

尺寸:360x110mm 105g铜板纸，单黑印刷



HL10

最高亮度70流明







说明书

点亮激情户外

HL10 头灯

Fenix HL10是一款时尚精美的EDC多功能头灯，既可以当作一款轻巧可靠的个性头灯，又是一款造型经典的迷你手电。它采用一节AAA电池，最高亮度可达70流明，最长续航时间可达30个小时，防水等级达IPX-8级，适合休闲级中短途徒步、慢跑、散步及日常维修、夜间阅读等，是您日常生活中贴心、实用的好帮手。

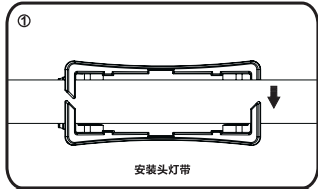
技术参数

ANSI/NEMA FL 1		照明模式		
		高亮档	中亮档	低亮档
 亮度		70流明	27流明	3流明
 续航时间	镍氢电池	50分钟	2小时45分钟	27小时
	碱性电池	35分钟	2小时15分钟	30小时
 最大射程	15米			
 最大光强	55坎德拉			
 防跌落高度	1米			
 防水等级	IPX-8，水下2米			
附 件		电池、备用O圈各1 PCS		

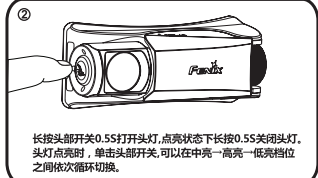
注：上述参数只是一个近似值，以实际容量750mAh的镍氢电池和包装附带的碱性电池在实验室环境中测试所得，可能会随着手电、电池和使用环境而发生变化。
* 由于本产品有以高亮档连续工作满5分钟时自动切换至中亮档的安全设定，故高亮档续航时间为累加时间。

- ◎ 使用Cree XP-E LED，寿命50000小时
- ◎ 使用1节AAA（镍氢，碱性）电池
- ◎ 69.5毫米（长）×29.2毫米（宽）×28.2毫米（高）
- ◎ 净重45.2克(不含电池)
- ◎ 支持烛光模式（可将筒身竖立在平面上作为蜡烛使用）
- ◎ 100°可调头灯旋转角度
- ◎ 恒流电路，亮度恒定
- ◎ 防反接设计，防止电池装反对电路造成伤害
- ◎ 采用优质塑料及铝合金制造
- ◎ 铝合金表面采用军规三级硬质阳极氧化的抗磨处理
- ◎ 使用双面增透膜钢化玻璃镜片

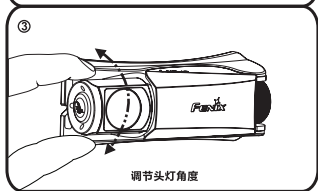
操作说明



安装头灯带



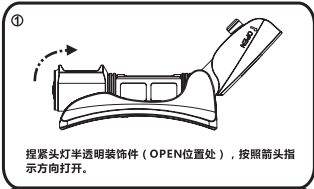
长按尾部开关0.5S打开头灯,点亮状态下长按0.5S关闭头灯.头灯点亮时,单击尾部开关,可以在中亮—高亮—低亮档位之间依次循环切换.



调节头灯角度

注：头灯会自动记忆照明模式的亮度档位，每次打开时都会以关闭时的档位开始工作。

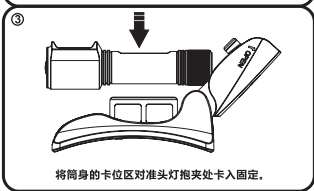
电池更换



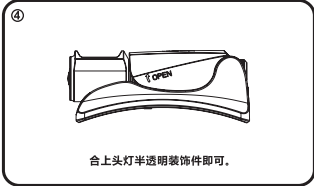
捏紧头灯半透明装饰件（OPEN位置处），按照箭头指示方向打开。



取出筒身后，旋开尾盖，装入标称电池，注意将电池的正极对准灯头方向，旋紧尾盖。



将筒身的卡位区对准头灯抱夹处卡入固定。



合上头灯半透明装饰件即可。

电池选用

电池类型	尺寸规格	标称电压	是否可用	
镍氢电池	AAA	1.2V	推荐	✓
碱性电池	AAA	1.5V	可用	✓
可充锂离子电池	10440/10450	3.7V	禁止	✗

- 警示：
- 可充锂离子（Li-ion）电池属于工业电芯，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，故此电池为灯具禁止使用电池种类，若使用此电池种类应明白其中的风险并自愿承担相应的责任。
 - 请使用优质电池，并且当长期不用灯具时将电池从灯具中取出，否则可能因电池漏液或者爆炸，造成灯具损坏。
 - 大功率灯具需要电池具备极佳的大电流放电能力，我们强烈推荐使用性能优秀的可充电镍氢电池作为灯具电源，使用碱性电池将会让灯具高亮度工作的续航时间明显减少。

使用与维护

- ◎ 请勿拆卸灯具头部密封部件，否则将会导致保修失效并可能损坏灯具。
- ◎ 长期使用后，灯具的O圈可能受到损坏。如果发现了这种情况，请您更换O圈以维持灯具的防水性能。
- ◎ 请经常清洁灯具的导电接触面以保证灯具的正常工作，特别是当灯具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灯具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（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，请联系经销商并按照售后服务条款保修。

保修条款

- ◎ 15天包换期：FENIX产品自售出之日起15天内，在正常使用情况下，出现产品质量问题，客户可选择更换新品或修理服务,要求更换时，所换产品应为返修产品同型号同规格的新品；如同型号同规格的产品停止生产时，则调换不低于原产品性能的同品牌产品。
- ◎ 2年免费保修期：FENIX产品自售出之日起2年内，用户在正常使用情况下，出现产品质量问题，则享受免费维修服务。
- ◎ 终身有限保修：在超过2年免费保修时间外，Fenixlight Limited 公司将提供有偿保修，费用以实际更换材料费用为准，不另收取人工费用。
- ◎ 消费者保修时凭Fenixlight Limited《质量保证卡》、购物发票或收据或网上购物时零售商提供的号码与经销商联系，由经销商对消费者提供服务，我公司将对经销商提供服务支持。
- ◎ Fenixlight Limited公司建议消费者到Fenixlight Limited网站(www.fenixlight.com)进行产品注册，这样消费者可以再得到6个月的免费保修期，即共有2年6个月的免费保修期。

警示

本产品亮度极高，请勿直视发光体，以免造成视力损伤。

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