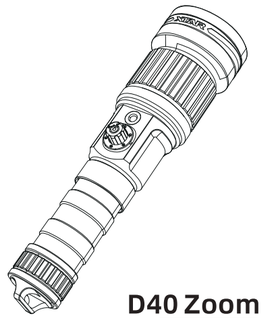
XTAR®
Quality & Innovation

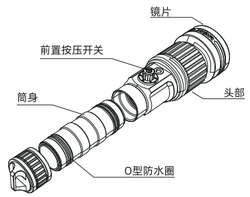
产品使用手册



D40 Zoom

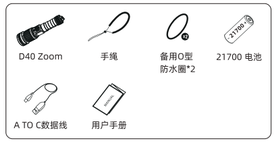
调焦潜水手电筒

V6



简装

套装



产品介绍

D40 Zoom是XTAR首款紧凑型可调焦潜水手电筒，4°- 77°可调光束角度，可轻松切换宽光束范围照明与窄光束聚焦捕捉模式。1600流明输出，射程达700米，配备机械锁和100米深度防水，兼容摄影支架及手腕带，是水下摄影、技术潜水及渔猎的理想照明工具。

产品特点

- **可调光束角度：**
  光束角4°至77°可调，满足各种水下照明需求
- **三级亮度调节：**
  高亮1600流明，中亮800流明，爆闪800流明
- **便捷磁控开关：**
  侧按式控制，可单手操作；机械锁可防止误触
- **性能可靠：**
  高效恒定输出，智能过热保护，使用安全稳定
- **电量指示：**
  实时掌控设备状态，避免水下突然断电
- **深度防水：**
  水下100米防水等级
- **耐用抗腐蚀：**
  内筒身导电设计可延长使用寿命
- **光源稳定：**
  正负极接口低内阻弹簧设计，抗震性极强
- **结构坚固：**
  军规三级硬质阳极氧化铝合金外壳，防摔、耐磨、防刮
- **防反接保护：**
  防止电池安装不当损坏设备

参数表

型号	D40 Zoom		
ANSI/NEMA FL1	高亮	中亮	爆闪
输出	1600流明	800流明	800流明
续航	2.3hrs	3.5hrs	7.3hrs
发光角度	4°- 77°		
最大射程	700m		
最大发光强度	122500cd		
LED灯珠	Luminus		
色温	6500K		
显色指数	70		
防水等级	水下100米		
防跌落高度	1.5m		
电池	1节可充21700带保护板锂电池		
开关	带机械锁磁吸按压开关		
外壳材料	军规三级硬质阳极氧化铝合金		
镜片材质	双面增透膜钢化玻璃		
存放温度	-20℃~40℃		
尺寸（mm）	194（总长）x ϕ30（筒身）x ϕ52（头部）		
净重	350g（不含电池）		

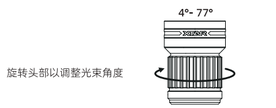
*以上参数按照国际手电筒测试标准ANSI/NEMA FL1所述测量方法，使用1节XTAR 21700锂离子充电电池（3.6V 5000mAh）在实验室环境中测试所得。测试参数为近似值，可能会随着手电，电池和使用环境而发生变化。

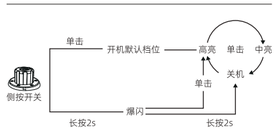
电池安装

1.手电筒筒身旋离头部；
2.放入1节满电21700可充锂电池，电池正极（+）朝向手电筒头部，并顺时针拧紧筒身直至拧紧。

⚠ **注意：电池电量不足时会影响电池亮度，建议充满电后使用**

操作图示





电量指示灯

绿灯	红灯	红灯闪烁
电量充足	可用时长约30分钟	可用时长约10分钟

电池安装

1.下水前请拧紧所有部件。
2.每次潜水前检查密封件和O型防水圈是否完好，并定期润滑O型防水圈保持润滑状态。
3.每次潜水后，用清水冲洗手电筒，去除残留的盐、沙子、和泥土。打开电池仓或存放前，用干净的毛巾擦干。
4.每次使用过后，及时取出电池。
5.手电筒在使用过程中会发热并自动降低流明，在保证照明的情况下最大化续航时间、手电筒和电池寿命。
6.请勿将灯光对准眼睛以防造成伤害。
7.手电筒处于点亮状态时，请勿长时间将灯头对准桌面、地面等放置，以免烧毁LED灯珠。

售后服务

请提供带保修号的产品及发票（或收据）以获得售后服务。
- **15天免费包换。**
- **24个月免费保修。**超出保修期的维修需要您支付材料和运输费用。
- **终身技术支持。**

⚠ **请注意：**
- 因用户未按照本手册使用或保管不当而产生的故障不享有包换和保修服务。
- 如有售后问题，请联系官方售后邮箱：**service@xtar.cc**

防伪查询

1.刮开防伪码。
防伪码位于：（1）产品后壳上，或（2）外包装盒上，共18位，请小心刮开。
2.在官网查询页面输入防伪码：**www.xtar.cn** - 联系我们 - 防伪查询。

警告：请不要将手电直射眼睛，
否则可能因误用而造成严重伤害或失明。

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中国制造

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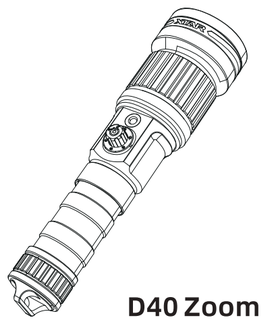
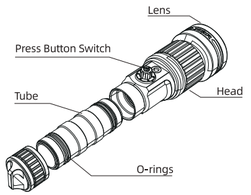
User Manual



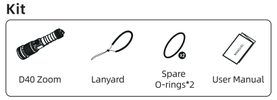
D40 Zoom

Dive Light

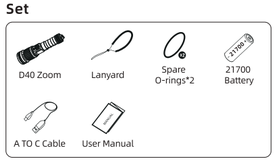
V6



Kit



Set



Introduction

The D40 Zoom is XTAR's first compact zoomable dive light with a 4°-77° adjustable beam, 1600 lumens brightness, and up to 700m range. Waterproof to 100m and mount-compatible, it's perfect for underwater photography, tech diving, and spearfishing.

Highlights

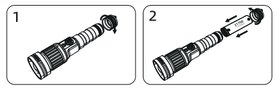
- **Adjustable Beam Angle:**
  Beam adjustable from 4° to 77°, meeting various underwater lighting needs
- **Three Brightness Levels:**
  High (1600Lm), Mid (800Lm), Strobe (800Lm)
- **Convenient Magnetic Switch:**
  Side-press control with one-handed operation and a mechanical lock to prevent accidental activation
- **Reliable Performance:**
  High-efficiency constant output with intelligent overheating protection for safe, consistent use
- **Battery Indicator:**
  Monitor device status in real time to avoid running out of power
- **Enhanced Waterproofing:**
  Waterproof up to 100 meters underwater
- **Durable and Corrosion-Resistant:**
  Conductive inner tube design enhances longevity
- **Stable Light Source:**
  Low-resistance spring design for positive and negative terminals with excellent shock resistance
- **Rugged Construction:**
  Military-grade aluminum alloy casing is drop-resistant, wear-resistant, and scratch-proof
- **Reverse polarity protection:**
  Prevent damage caused by incorrect battery installation

Technical Specifications

Model	D40 Zoom		
ANSI/NEMA FL1	High	Mid	Strobe
Output	1600 lumens	800 lumens	800 lumens
Runtime	2.3hrs	3.5hrs	7.3hrs
Beam Angle	4°- 77°		
Max Beam Distance	700m		
Max Intensity	122500cd		
LED	Luminus		
Color Temperature	6500K		
Color Index Rendering	70		
Waterproof	100m underwater		
Impact Resistance	1.5m		
Battery	1*rechargeable 21700 protected Li-ion battery		
Switch	Magnetic Press button with Mechanical Lock		
Housing Material	Type II hard anodized aluminum alloy		
Lens Materials	Tempered glass with anti-reflective coating		
Storage Temp.	-20℃~40℃		
Dimensions (mm)	194（Length）x ϕ30（Tube）x ϕ52（Head）		
Net Weight	350g (Without the battery)		

*Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using one XTAR 21700 Li-ion battery (3.6V, 5000mAh) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

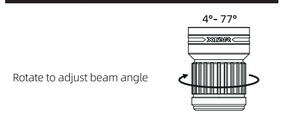
Battery Installation

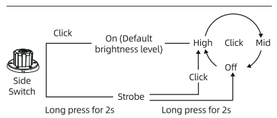


1. Unscrew the tube from the head;
2. Insert a full rechargeable 21700 Li-ion battery in with the positive polarity(+) towards the head and tighten the body by turning it clockwise until secure.

⚠ **Note:** Low battery levels may affect brightness (decrease). For optimal performance, please use after fully charging the battery.

Operating Illustrations



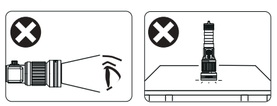


Battery Indicator

Green	Red	Flashing Red
Sufficient battery power	Available for about 30 minutes	Available for about 10 minutes

Usage & Maintenance

1. Tighten all connections of the light before going underwater.
2. Inspect the seals and O-rings for good condition before each dive. Lube the O-rings regularly to maintain lubrication at all times.
3. After each use, rinse the light with fresh water to remove residual salt, sand, and dirt. Dry it with a clean towel before opening the battery compartment or storing it.
4. Remove the battery after each use.
5. During use, the light may generate heat and automatically reduce lumens to maximize battery life and the longevity of both the light and the battery while ensuring illumination.
6. Never direct the light into the eyes to prevent eye damage.
7. When the light is on, please do not place it with its head facing tabletops, floors, etc., for too long to avoid burning out the LED.



After-Sales Service

To receive after-sales service for the product, please provide the Warranty Number and an invoice(or receipt).
- **15-day free exchange.**
- **24-month free repair.** This product includes a 24-month free repair service, starting from the day of purchase. For repairs outside of the warranty period, you will need to pay the costs of materials and shipping.
- **Lifetime technical support.**

⚠ **Note:**
- Malfunctions due to improper use or storage, or failure to observe these operating instructions, will not be covered by XTAR.
- If you have any after-sales questions, please contact XTAR official Customer Support at **service@xtar.cc**

Authenticity Check

1.Gently scratch to reveal the 18-digit serial number on the back of the product or its packaging.
2.Go to **www.xtar.cc** and enter the serial number to authenticate (Contact Us - Anti-Fake).

Warning: Do not radiate the light directly towards the eyes, serious injury or blindness could occur by misuse.

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