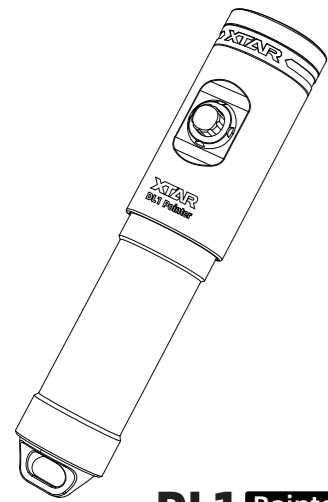
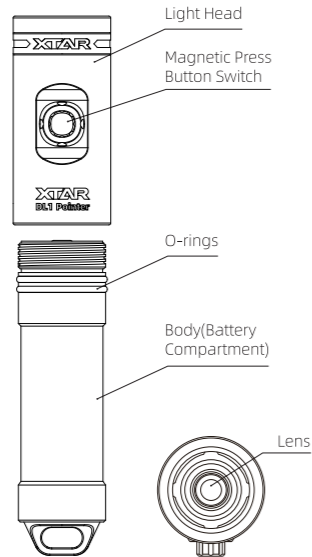


# XTAR® User Manual



**DL1 Pointer**  
Green Pointer Diving Instructor Light



## Introduction

XTAR DL1: A must-have tool for diving instructors. The 2000-meter long green beam points out subjects underwater with unbelievable precision. It's ideal for leading a group of divers during training, facilitating communication, and drawing attention of other dive buddies.

## Features

- Osram PLT5 LED.
- Copper housing and glass lens laser module excels in heat dissipation, temperature tolerance, and maintaining a focused and stable beam.
- Powered by 1\*rechargeable 18650 protected Li-ion battery.
- Magnetic press button switch independent of holistic build to avoid water leakage, single-press on/off by one hand.
- IPX8 50M depth rating.
- Anodized aluminum alloy housing means hardness, corrosion resistance, and abrasion resistance.
- Compact and light to operate underwater.
- Reverse polarity protection to protect from improper battery installation.
- Efficient circuit and constant luminous power to extend service life of the LED.

## Technical Specifications

Model	DL1 Pointer
LED	Osram PLT5
Housing Material	Type III hard Anodized aluminum alloy
Front Glass	Tempered glass with anti-reflective coating
Power Source	1*rechargeable 18650 protected Li-ion battery
Burn Time	≥32 hours (Tested using XTAR rechargeable 18650 3500mAh protected Li-ion battery)
Working Voltage	2.9-4.5V
Beam Range	2000m(on land)
Impact Resistance	1.5m
IPX Rating	IPX8(50m underwater)
Switching System	Magnetic push button
Storage Temperature	-20~60°C(best at 25°C)
Dimensions	126.5mm(Length)xDia. 22.2mm (Tube)xDia. 26.4mm(Head)
Net Weight	82g(without battery)

## Operation Instructions

1. Remove the light filter first.
2. Unscrew the body from the head.
3. Check and test performance of the O-rings. Clean, lube, or replace the O-rings if necessary.
4. Insert a full rechargeable 18650 Li-ion battery in with the positive polarity (+) towards the head.
5. Screw the body back to the head.
6. Press the magnetic push button switch once to turn the light on, one more press to turn it off.

## Usage & Maintenance

1. Tighten all connections of the light before use.
2. Inspect the seals and O-rings for good condition prior to each dive. Lube the O-rings regularly as well.
3. After each use, rinse the light with fresh water to remove any residual salt, sand, and dirt. Dry it with a clean towel before opening battery compartment or storage.
4. Remove the battery after each use.
5. Should the light body get hot or the light source get blurred, please stop using until it cools down.
6. To prevent accidents, please keep out of reach of children.
7. Never direct the light at eyes, skin, or flammable materials to prevent damage to eyes and skin, or fires.
8. When the light is on, please do not place 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](mailto: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](http://www.xtar.cc) and enter the serial number to authenticate (Contact Us - Anti-Fake).



Facebook

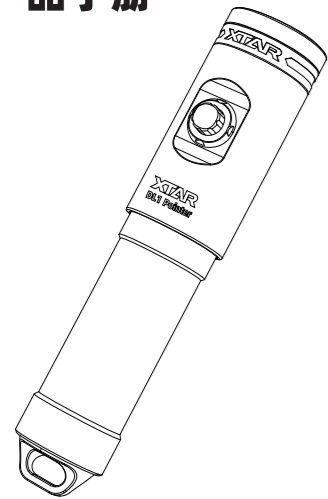
**Shenzhen XTAR Electronics Co., Ltd**  
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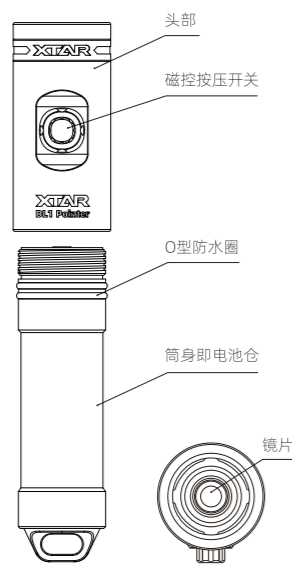
Made in China

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# XTAR® 产品手册



**DL1 Pointer**  
潜水教练专用指示灯



## 产品简介

XTAR DL1: 潜水教练必备工具。2000米超长射程，精准指你所想。它非常适合潜水教练引导组员，促进沟通，吸引其他潜水员注意。

## 产品特点

- Osram PLT5 LED灯珠；
- 铜壳玻璃透镜激光模组，易散热更耐温，光线清晰稳定；
- 1节可充18650保护锂电池供电；
- 磁控按压开关，独立结构防漏水，单手一键开或关；
- IPX8水下50米防水等级；
- 军规三级硬质阳极氧化铝合金外壳，坚固、耐腐蚀、耐磨；
- 小型轻巧，便于水下操作；
- 防反接保护；
- 高效电路，恒定输出，延长LED使用寿命。

## 产品技术参数

型号	DL1 Pointer
LED灯珠	Osram PLT5
外壳材质	军规三级硬质阳极氧化铝合金
镜片材质	双面增透钢化玻璃
电源	1节可充18650保护锂电池
续航	≥32小时 (使用XTAR可充18650 3500mAh保护锂电池测得)
工作电压	2.9-4.5V
射程	2000m(陆地上)
防跌落高度	1.5米
防水等级	IPX8(水下50米)
开关系统	磁控按压式开关
存储温度	-20~60°C (25°C最佳)
尺寸	126.5mm(长)xDia. 22.2mm (筒身)xDia. 26.4mm(头部)
净重	82g (不含电池)

## 产品操作说明

1. 首先取下滤光片；
2. 将手电筒筒身旋离头部；
3. 检查防水圈性能，按需清洁、润滑和替换新的防水圈；
4. 放入1节可充18650可充锂电池，电池正极 (+) 朝向手电筒头部；
5. 将筒身旋回头部；
6. 单次按压磁控开关点亮手电筒，再次按压关闭手电筒。

## 产品使用及维护

1. 使用前请拧紧所有部件。
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。
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. 使用过程中，若筒身过热或光源变模糊，请停止使用，待筒身温度正常后再继续使用。
6. 请远离儿童存放，以防意外事故发生。
7. 请勿将灯光对准眼睛、皮肤或可燃物，避免对眼睛和皮肤造成损害或引起火灾。
8. 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](mailto: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](http://www.xtar.cn) - 联系我们 - 防伪查询。



微信公众号

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