



User manual



D570
Max **1500** Lumens

PRODUCT INTRODUCTION

OrcaTorch D570 is a 1500 lumens dive light specially designed for recreational diving and commercial diving. Besides regular white beam, it offers quick access to the laser light. The two light sources can be controlled independently which meet your different usage scenes. The side switch with battery indicator offers easy operation and also instant knowledge of remaining battery level.

PRODUCT FEATURES

- ✓ Two light sources :8 white beam + laser light
- ✓ Easy operation with side button switch
- ✓ Battery indicator
- ✓ Intelligent Over-Heat protection
- ✓ Water pressure resistant construction ,depth rated to 150 meters
- ✓ Reverse polarity protection, to protect from improper battery installation
- ✓ Over-discharge protection function
- ✓ Aircraft-grade high strength aluminum material
- ✓ The latest diamond grade hard-anodized seawater-corrosion-resistance finish
- ✓ Two sides coated toughened glass with high water pressure resistance under deep water

TECHNICAL PARAMETERS

ANSI/NEMA FL1	White	Laser
☀️ Output	1500 Lumens	-
🕒 Runtime	1h20min	11h36min(D570-GL) 80h(D570 -RL)
🌀 Intensity	23750cd	-
📏 Beam Distance	308m (On land)	>1000m(On land)
🛡️ Impact Resistant	1m	
🌊 Waterproof	under water 150m	
⚡ Working voltage	3-4.2 V	
📏 Dimension	134mm(Length) x 26mm(Diameter) x 40mm(Head)	
⚖️ Net weight	179g(excluding battery)	
📦 Accessories	18650 3400mAh USB Type-C Rechargeable Battery x 1, USB Type-C Charging Cable x 1, Lanyard x 1, Spare O-ring x 3	

Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 using one OrcaTorch 18650 Li-ion battery (3.7V, 3400mah) under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

1. Modes selection: Press side switch to turn on the laser light, release to turn it off. Double click the side switch to turn on the white light, double click again to turn it off.
2. The two light sources can be controlled independently.
3. Battery indicator: When the white mode is turned on, the battery indicator will be on to show the battery level.
 - Green: over 70%
 - Orange: 30%-70%
 - Red: 10%-30%
 - Flashing red: less than 10%
4. Intelligent Over-Heat protection: This torch is specially designed for underwater use. When used on land for too long, it might get too hot. But this torch would drop down its output automatically once its temperature reaches 65 to avoid damage to the light due to overheat.
5. The total runtime will be extended significantly if the light is used discontinuously.

BATTERY REPLACEMENT

1. As shown in the figure, insert the battery with the anode side (+) toward the light head.
2. Please do not reverse battery to avoid damage to the flashlight and battery.
3. Please do not use battery with higher voltage than flashlight working voltage.
4. Please do not use battery with damaged surface or deformation to avoid short circuit, explosion, leakage, etc.



USB Type-C Charging

USAGE AND MAINTENANCE

- ✦Please clean the surface of the light with fresh water and wipe it dry after use in case of the seawater corrosiveness.
- ✦Do not drop or place the light on sand in case iron sand stick or go into switch section or screw thread.

- Tighten all the connections of the light before going underwater.
- ✦Please take out the batteries after each diving.
- ✦Please don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
- ✦We recommend the use of high quality batteries. If the flashlight will not be used for a long time, remove the batteries to avoid damage from electrolyte leakage or battery explosion.
- ✦Please replace the O-rings if they are damaged after prolonged use and regularly lubricate the o-rings with silicon grease so as to not erode the rubber. Doing so will keep the flashlight properly sealed against water.
- ✦Please clean the contacts of your light from time to time, especially when the light flickers or doesn't light up. There are probably several reasons for a flickering or not working light:

- Reason A: The batteries need to be replaced.
Solution: Replace batteries (Please confirm correct installation of + and - terminals).
 - 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 methods above don't work, please contact the distributors and refer to the warranty policy.

PRODUCT WARRANTY

We will replace products afflicted with manufacturing defects within 30 days of purchase and repair a light free of charge within 12 months of purchase if problems develop under normal use; if repair is required after 12 months from the date of purchase, we will charge for parts. The total repair fee is dictated by the cost of the replaced materials.

Please register your OrcaTorch products through official website www.orcatorch.com to get extra 1 year warranty.

Warning

The flashlight is high intensity lighting device and capable of causing eye damage, please avoid shining the light directly into the eyes.

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说明书



D570

最高亮度 1500 流明

产品介绍

ORCATORCH D570是一款专为休闲潜水以及商业潜水设计的1500流明潜水灯。除了常规的白光外，您可以随时开启激光。两种光源可独立控制以满足您在不同情境下的需求。带电量指示灯的侧键开关提供了便捷的操控，同时让您随时随地掌控剩余电量。

产品特点

- ✓ 8°白光+激光两种光源输出
- ✓ 侧键开关，操作便捷
- ✓ 电量指示
- ✓ 智能高温保护功能
- ✓ 专业抗压防水结构设计，潜水深度达150米
- ✓ 防反接设计，防止电池反装对电路造成损害
- ✓ 电池过放保护功能
- ✓ 采用高强度航空级铝材
- ✓ 表面采用新一代钻石级抗腐蚀氧化处理
- ✓ 双面镀膜防刮抗压钢化玻璃镜片，深水抗压能力强

技术参数

ANSI/NEMA FL1	白光档	激光档
亮度	1500流明	-
续航时间	1小时20分	11小时36分 (D570-GL) 80小时 (D570-RL)
最大光强	23750坎德拉	-
最远射程	308米(陆地)	>1000米(陆地)
防跌落高度	1米	
防水等级	水下150米	
工作电压范围	3-4.2 V	
尺寸	134mm(长) x 26mm(直径) x 40mm(筒头)	
净重	179g(不包括电池)	
附件	18650 3400mAh USB Type-C 可充电锂离子电池 x 1, USB Type-C 充电线 x 1, 手绳x1, 备用O型防水圈x3	

注：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OrcaTorch 18650锂离子充电电池（3.7V, 3400mah）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。

操作说明

- 档位操作：任何状态下单击侧键开关，激光点亮，松开关闭；双击侧键开关，白光开启，再次双击关闭。
- 激光和白光档位在操作上互相独立，互不干扰。
- 电量指示功能：白光打开时，指示灯会显示剩余电量
-绿色：高于 70%
-橙色：30%-70%
-红色：10%-30%
-红色闪烁：低于 10%
- 智能高温保护功能：此产品供水下使用，当在陆地使用时，可能会出现电筒过热现象，当手电温度达到65°，手电会自动降低档位，从而避免损坏产品。
- 手电在不连续使用的情况下，总续航时间将会显著延长。

更换电池

- 如图，将电池正极朝灯头方向，负极朝筒尾方向装入筒身；
- 请勿反装，以免造成手电和电池的损坏；
- 请勿使用超电压电池，以免损坏手电；
- 请勿使用表面有破损或变形的电池，以免发生短路、爆炸、漏液等情况。



使用与维护

- ✦由于海水具有腐蚀性，请在使用后用清水冲洗手电表面，并擦干水份。
- ✦请勿将手电放在沙地上，以防止细沙进入手电开关或螺纹缝隙。
- ✦拧紧电筒所有连接处后方可入水。
- ✦每次潜水后请将电池取出。
- ✦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。
- ✦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。

- ✦长期使用后，灯具的O型圈可能受到损坏。如果发现了这种情况，请您更换O型圈以维持手电的防水性能。为保持O型圈（密封胶圈）及螺纹旋转顺畅，请定期在其表面涂抹硅脂润滑。
- ✦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

- 一、30天包换期：本产品自售出之日起30天内，在正常使用情况下，出现产品质量问题，客户可选择维修服务或者更换同型号同规格的新品。如同型号同规格的产品停止生产或因其他原因不能在合理时间内安排更换，则调换不低于原产品性能的同品牌产品。
- 二、1年免费保修期：本产品自售出之日起1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。因使用不当或擅自改装、维修而引起的产品缺陷、损坏，不在保修范围内。
- 三、终身有限保修：在超过1年免费保修时间外，ORCATORCH将提供有偿保修服务，费用以实际更换材料费用为准，不另收取人工费用。
- 四、消费者保修时凭ORCATORCH《保修卡》、购物发票或收据、网上购物时销售商提供的销售凭证与经销商联系，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。

请通过官方网址 www.orcatorch.com 注册您的产品以获得1年延保。

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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