



尺寸：72*105mm
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User manual



ZD710 MK2

Please read the user manual carefully, as it can help you better understand how to use this product.

PRODUCT INTRODUCTION

The OrcaTorch ZD710 MK2 is a versatile underwater dive light with adjustable beam angle, max beam intensity 212500cd and beam distance of 920 meters. Its adjustable beam angle (4° to 72°) provides flexibility for diverse underwater lighting needs, whether exploring caves, observing marine life, underwater photography, etc. The ZD710 MK2 is equipped with a 5000mAh 21700 USB-C rechargeable battery for convenient charging. It features a safe lock fuction to prevent accidental activation, making it an ideal dive light for depths of up to 150 meters, capable of adapting to various underwater environments.





PRODUCT FEATURES

- ✓ Max beam intensity 212500cd, with a max range of 920 meters
- ✓ Adjustable beam angle from 4° to 72°, meeting various underwater lighting needs
- ✓ 4-level brightness adjustment, can be adjusted according to actual needs
- ✓ Titanium alloy button switch for durability and corrosion resistance
- ✓ Uses 1 * 21700 USB-C 5000mAh rechargeable battery
- ✓ Built-in intelligent temperature control to avoid over-heat
- ✓ Low voltage protection
- ✓ Convenient operation with a safety lock function
- ✓ Suitable for diving depths of up to 150 meters
- ✓ Made of AL6061-T6 aluminum, and hard anodized finish adopted

TECHNICAL PARAMETERS

ANSI/NEMA FL1	Turbo	High	Medium	Low
Intensity	212500cd	130000cd	60000cd	22500cd
Output	1500Lm	880Lm	420Lm	150Lm
Runtime	/	2h 10mins	3h 15mins	12h
Beam angle	4° - 72°			
Beam Distance	920m (On land)			
Impact Resistant	1.5m			
Waterproof	Under water 150m			
Working voltage	3 - 4.2 V			
Dimension	180.5mm(Length)x57.5mm(Head Dia.)x26.4mm(Tube Dia.)			
Net Weight	362g (Including the battery)			

unlocking it by a double press. (The flashlight will flicker twice when you lock or unlock the switch, the battery indicator will be green when pressing the side button in lock mode).

Switch  Long press 5s  Lock Switch  Quick double tap  Unlock

6. Intelligent Protection

6.1. This product is designed for underwater use. When used on land, the flashlight may overheat. When the flashlight temperature reaches 65°C, it will automatically lower the mode to prevent product damage.

7. The total runtime of the flashlight will be significantly extended when not used continuously.

BATTERY REPLACEMENT


1.As shown in the diagram, insert the battery with the positive end facing towards the head of the dive light and the negative end towards the tail of the tube. Tighten the tube securely.

2.Do not reverse the installation to avoid damage to both the dive light and the battery.


3.Avoid using batteries with excessive voltage to prevent damage to the dive light.

4.Do not use batteries with damaged or deformed surfaces to prevent short circuits, explosions, leakage, and other potential issues.

Battery assembly diagram:



Charging illustration:



USAGE AND MAINTENANCE

1.Please clean the surface of the light with fresh water and wipe it dry after use in case of seawater corrosion.

2.Do not drop or place the light on sand to prevent sand or other hard particles from entering the light head or threads.

3.Tighten all the connections of the light before going underwater.

4.Please take out the batteries after each diving.

5.Please don't disassemble the sealed head; doing so may cause damage to

the flashlight and will void the warranty.

6.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.

7.Please replace the O-rings if they are damaged after prolonged use and regularly lubricate the O-rings with silicon grease so as not to erode the rubber. Doing so will keep the flashlight properly sealed against water.

8.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 the official website www.orcatorch.com to get an extra 1-year warranty.

Warning: This product emits extremely high brightness. Do not point the head of the flashlight towards your own or others' eyes when turning it on.Avoid direct exposure to the light source to prevent potential vision damage.

ORCATORCH TECHNOLOGY LIMITED

Tel: +86-755-33560383 Fax: +86-755-29454989

Email: info@orcatorch.com Website: www.orcatorch.com

Address: 4th Floor, Building 6, Huafeng Science and Technology Park, 535 Fengtang Avenue, Fuyong, Bao'an District, Shenzhen, China (518103)

Scan QR Code to Enter Official Website



说明书



ZD710 MK2

请仔细阅读该说明书，它能帮助您更好地使用这款产品。

产品描述

虎鲸 OrcaTorch ZD710 MK2 是一款光束角度可调潜水灯,最高光照强度 212500 cd 和最远射程 920 米,通过可调的光束角度 (4°至 72°),满足不同场景下的水下照明需求,无论是探索洞穴还是观察海洋生物,水下摄影等,ZD710 MK2 都能轻松胜任.该灯的高效充电系统采用一节 5000 毫安时的 21700 USB-C 可充电锂离子电池,充电方便.ZD710 MK2 采用用户友好的设计,配备便捷的安全锁定功能,防止意外激活.这款潜水手电可在深达 150 米的水下使用,适用于各种水下环境。

产品特点

- ✓ 最大光强212500cd, 最远陆地射程920米
- ✓ 发光角度可调4° - 72°, 可满足多场景潜水照明需求
- ✓ 4档亮度选择, 可根据实际需求调整亮度
- ✓ 钛合金按键开关, 耐用、耐腐蚀
- ✓ 高效充电方式, 使用1节5000mAh 21700 USB-C 充电锂离子电池
- ✓ 内置智能温控模块, 防止过热
- ✓ 低压保护
- ✓ 便捷操作, 安全锁定功能
- ✓ 潜水深度150米
- ✓ 外壳材质AL6061-T6, 表面进行硬质阳极氧化处理

技术参数

ANSI/NEMA FL1	极亮	高亮	中亮	低亮
最大光强	212500cd	130000cd	60000cd	22500cd
亮度	1500Lm	880Lm	420Lm	150Lm
续航时间	/	2小时10分	3小时15分	12小时
光束角度	4°-72°			
最远射程	920m (陆地)			
防跌落高度	1.5米			
防水等级	水下150米			
工作电压范围	3 - 4.2 V			
尺寸	180.5mm(长度)x57.5mm(灯头直径.)x26.4mm(筒身直径)			
净重	362g (包含电池)			
水下重量	185g(包含电池)			
配件	1*21700 USB Type-C 可充电电池, 1* USB 充电线, 1* 手绳, 3* 备用防水圈, 1*支架模块			

注:以上参数按照国际手电筒测试标准ANSI/NEMA FL 1所述测量方法,使用1节 OrcaTorch 21700锂离子充电电池(3.6V,5000 mAh)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

1.发光角度调节

1.1.旋转头部可调节光圈大小 (4°-72°)

2.档位切换

2.1.按侧按键开关, 在高亮, 中亮, 低亮和关机之间切换。任一常亮档位下, 长按侧面开关进入极高亮, 松手放回原常亮档位。极高亮1500流明续航1分钟后, 将自动进入到880流明档位, 续航时间1小时30分。

3.兼容OrcaTorch WS02腕带和H620手柄, 可以使用H620提供的螺丝调整 H620手柄的高度和宽度。



4.电量指示

4.1.手电打开时,指示灯会显示剩余电量

● 绿色: 高于30% ● 红色: 10% - 30% ● 红色闪烁: 低于10%

5.安全锁定功能

5.1.关机状态下长按侧边开关 5S 锁定,锁定后双击侧按键解锁(锁定或解锁的同时主灯闪烁两次提醒,锁定后按击开关时亮绿指示灯)

开关  长按5秒  锁定 开关  快速双击  解锁

6.智能保护

6.1.此产品供水下使用,当在陆地使用时,可能会出现电路过热现象,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。

7.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

1.如图, 将电池正负极灯头方向, 负极朝筒尾方向装入筒身;

2.请勿反装, 以免造成手电和电池的损坏;

3.请勿使用超电压电池, 以免损坏手电;

4.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。

电池装配示意:



充电示意:



使用与维护

1.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。

2.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。

3.拧紧电筒所有连接处后方可入水。

4.每次潜水后请将电池取出。

5.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。

6.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。

7.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)及螺纹旋动顺畅, 请定期在其表面涂抹硅脂润滑。

8.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将提供有偿维修服务,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。

警告: 本产品亮度极高, 开灯时勿将筒头面向自己或他人眼部, 请勿直视发光体, 以免造成视力损伤。

深圳市拓飞电子有限公司

电话:+86-755-33560383 传真:+86-755-29454989

邮箱:info@orcatorch.com 网址:www.orcatorch.com

地址:中国深圳市宝安区福永镇凤塘大道535号塘尾华丰科技园6栋4楼

邮编:518102

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