ORCATORCH

User manual

D720
Max 425000 cd, 1300m

Note: Never shine the light directly in the eyes of a person or animal.
Never aim at or near an aircraft.

PRODUCT INTRODUCTION

Whether you're a recreational or a technical diver, you'll find the OrcaTorch D720 long beam distance dive light useful in your underwater activities. With max 425000 cd, beam distance 1300 meters, utilizing one 21700 USB Type-C 5000mAh rechargeable Li-ion battery, the D720 is one of the strongest torches in its class, which can easily meet the diving long-range lighting needs.Single operation switch, one-click to switch modes in the cycle of HIGH-LOW-OFF.
Rotating head to adjust beam angle, and it is easy to deal with dive searching in different environments.

PRODUCT FEATURES

✓ Max 425000cd, beam distance of 1300 meters
✓ Uses 1*1 21700 USB Type-C 5000mah rechargeable Li-ion battery
✓ 3~18° beam angle
✓ Easy operation with side titanium alloy push button switch
✓ Safe lock function prevents mis-operation
✓ Automatically displaying the battery level when power on
✓ Square knurling on the head, comfortable operation, rotating head to adjust the angle
✓ 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 AL-6061-T6 with premium Type III military hard-anodized seawater-corrosion-resistance finish
✓ Two sides coated toughened glass with high water pressure resistanceunder deep water

TECHNICAL PARAMETERS

ANSI/NEMA FL1	High	low
Output	350 Lumens	110 Lumens
Runtime	1h 35mins	4h 4mins
Intensity	425000cd	
Beam Distance	1300m (On land)	
Impact Resistant	1.5m	
Waterproof	under water 150m	
Working voltage	3-4.2 V	
Dimension	165.4mm(Length) x 26.4mm(Tube) x 42.6mm(Head)	
Net weight	199g （excluding battery）	
Accessories	1* 21700 battery, USB Type-C Charging Cable, Brand Rubber Bands, Lanyard, O-rings	

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

OPERATION INSTRUCTIONS

1.Modes Selection
One-click switch in the unlock state to change modes :
HIGH-LOW-OFF.
2.Safe Locking/Unlocking
In any state, press and hold the switch for 5S to lock, then double-click the switch to unlock . (The light will flash twice when locked or unlocked. Press the switch in the lock state, then the green light will be on.)
3.Spotlight/Floodlight
Rotate head to adjust beam angle from 3°to 18°.
4.Power Indicator
Turn the torch on, then the power indicator will be lit up
Green light : power 100%~70%
Orange light: power 70%~30%
Red light: power 30%~10%
Red light flashing : power < 10%
5.Intelligent over-heat protection
This torch is specially for underwater. 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.
6.Runtime
The total runtime will be extended significantly if the light is used discontinuously.
Note: Never shine the light directly in the eyes of a person or animal.
Never aim at or near an aircraft.

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.

USAGE AND MAINTENANCE

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

2.Do not drop or place the light on sand in case iron sand stick or go into switch section or screw thread.
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 to not 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 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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