

## User manual



**D710**  
Max 3000 Lumens

### PRODUCT INTRODUCTION

Whether you're a recreational or a professional diver, you'll find the OrcaTorch D710 dive light useful in your underwater activities. With max 3,000 lumens, the D710 is one of the strongest torches in its class. And you have plenty of brightness settings to choose from if you prefer less power. It runs on one OrcaTorch 21700 5000mAh rechargeable battery with Type-C charging port, easier for you to charge it anywhere.

### PRODUCT FEATURES

- ✓ Uses Luminus LED, max 3000 lumens
- ✓ Uses 1\*21700 5000mAh Rechargeable battery
- ✓ 6° beam angle
- ✓ Easy operation with side titanium alloy push button switch
- ✓ Safe lock function, prevents mis-operation
- ✓ Intelligent Over-Heat protection
- ✓ Battery indicator
- ✓ 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	High	Middle	Low	Turbo
Output	1700 Lumens	800 Lumens	400 Lumens	3000 Lumens
Runtime	1h 40mins	3h 50mins	7h 40mins	/
Intensity	17204cd			
Beam Distance	262m (On land)			
Impact Resistant	1.5m			
Waterproof	under water 150m			
Working voltage	3-4.2 V			
Dimension	154.9mm(Length) x 27mm(Tube) x 36mm(Head)			
Net weight	152g (excluding battery)			
Accessories	1* 21700 battery, USB 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: Press side button to change among high, middle, low, off.
2. In any light modes, long press the side switch 0.5 seconds to enter the 3000 lumens mode, release the switch, then back to the original lighting mode. Runtime is one min at 3000 lumens, 1h 40 min at the step-down 1700 lumens level
3. Battery indicator: When the light is turned on, the battery indicator will be on to show the battery level.  
Green: over 30%  
Red: 10% - 30%  
Flashing red: less than 10%
4. Safe lock function: Hold on the side switch for 5 seconds to lock the torch in the shutdown state, and double-click the side button to unlock after it is locked (the light flashes twice as a reminder when it is locked or unlocked).
5. Intelligent over-heat protection: This torch is specially 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.
6. The torch 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.



### 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](http://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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