



User manual



D710V

Three-color Light Source Video Light

Thank you for purchasing this OrcaTorch product. Please read this manual carefully before use and keep it for future reference!

PRODUCT INTRODUCTION

OrcaTorch D710V is a professional underwater video light with three color light sources, a maximum of 2000 lumens and 120 degrees super wide flood lighting with no blind angle for underwater photography. The D710V provides easy operation with three kinds of light sources: Neutral white, Red, and UV. Red light for shooting shy animals. UV light works directly for fluorescent night diving without using filters. And there are two brightness under mode of white beam. The battery indicator is integrated in side switch and tells you how much battery power left at any time.

PRODUCT FEATURES

- ✓ Neutral white max 2000 lumens, 120° super wide beam angle
- ✓ Use 1 x 21700 Li-ion rechargeable battery
- ✓ Easy operation with side titanium alloy button switch
- ✓ Battery indicator
- ✓ Safe lock function, prevents mis-operation
- ✓ Intelligent over-heat protection
- ✓ Over-discharge protection
- ✓ Water pressure resistant construction, depth rated to 150 meters
- ✓ Reverse polarity protection, to protect from improper battery installation
- ✓ Constructed from high-strength A6061-T6 aluminum
- ✓ Mil-Spec Type III hard anodized finish for durability and corrosion resistance
- ✓ Two sides coated toughened glass with high water pressure resistance under deep water

TECHNICAL PARAMETERS

ANSI/NEMA FL1	White		Red	UV
Modes	High	Low	High	High
Output	2000 Lumens	600 Lumens	125 Lumens	2.5 Lumens
Runtime	1h 30mins	3h 5mins	4h 30mins	6h 40mins
Impact Resistant	1.5m			
Working voltage	2.8V-4.2V			
Dimension	154.9mm(Length) x 27mm(Tube) x 36mm(Head)			
Net weight	146g (Excluding battery)			
Accessories	21700 Rechargeable battery x1, USB Type-C Charging Cable x1, Spare O-rings x3, Lanyard x1, ZJ18 Ball Joint Bracket x1			

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

OPERATION INSTRUCTIONS

1. Modes selection:
Press the side button to switch modes between high white light, low white light, red light, UV light, and off. Long-press on the switch at any mode can also turn off the light.
2. Battery indicator: When the light is turned on, the battery indicator will be on to show the battery level.
Green: over 40%
Red: 10%-40%
Flashing red: less than 10%
3. Safe lock function: Hold on the side switch for five seconds when the torch is off, and it will turn into a state of safe lock. The side switch cannot be used until it is unlocked by a double press. The light will flicker twice when you lock or unlock the switch, and the battery indicator will be green when the D710V is locked.
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. The D710V will automatically reduce its output once its temperature reaches 65° to avoid damage to the light due to overheating.
5. The torch runtime will be extended significantly if the torch 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 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.

ORCATORCH TECHNOLOGY LIMITED

Tel: +86-755-33560383 Fax: +86-755-29454989
Email: info@orcatorch.com www.orcatorch.com
Address: 7F, Building 6, Rundongsheng Industrial Park, Gushu, Xixiang, Baoan, Shenzhen, China (518102)



www.orcatorch.com