



User manual



D910V

Max 5000 lumens

PRODUCT INTRODUCTION

ORCATORCH D910V is a high CRI neutral white video light for underwater photography. It features a chip-on-board CREE LED array to create even illumination with a 5000 lumen output and 120 degree wide angle beam. With the industry's first magnetic fast charging technology, the light can be charged without taking out the battery. The unique designed titanium alloy button system can control 3 lighting modes, and the LED indicator instantly displays the battery's remaining charge. Its locking function also prevents accidental use.

PRODUCT FEATURES

- ✓ CREE COB LED
- ✓ 120 degree wide beam angle
- ✓ Color temperature 5700K
- ✓ CRI: RA 92
- ✓ Magnetic fast charging system with a short charging time of 2.5h
- ✓ Standard included battery pack
- ✓ Titanium alloy switch controls 3 lighting modes
- ✓ LED indicator displays the battery remaining charge
- ✓ Safe lock function, prevents accidental operation
- ✓ LED Charging indicator
- ✓ Intelligent Over-Heat protection
- ✓ Over-charge and discharge protection
- ✓ Water pressure resistant construction, depth rated to 150 meters
- ✓ 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

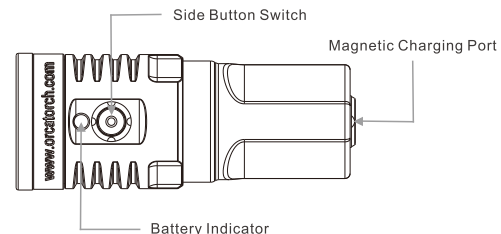
TECHNICAL PARAMETERS

ANSI/NEMA FL1	High	Middle	Low
Output	5000 Lumens	2000 Lumens	500 Lumens
Runtime	50min	2h10min	8h50min
Impact Resistant	1m		
Waterproof	under water 150m		
Working voltage	8.4-12.6 V		
Charging input	12.6 V $\overline{\text{---}}$ 2A		
Charging time	2.5 hours		
Dimension	129.5mm(Length) x 45mm(Diameter) x53mm(Head)		
Net weight	430g		
Weight in water	215g		
Accessories	home charger, ball joint, OrcaTorch rubber ring, O-rings		

Notice: Stated data has been measured according to the international flashlight test standards ANSI/NEMA FL1 under laboratory conditions. The parameters are approximate and may vary between flashlights, batteries, and environments.

OPERATION INSTRUCTIONS

1. Brightness Modes: Press the side button to switch modes between high, middle, low and off.
2. Charging: Connect the magnetic port to the power source by the included home charger, the light will start charging, the charging indicator on the home charger will also turn red. When the battery is fully charged, the indicator will turn green and the charging will stop automatically.
3. Safe lock function: Hold on the side switch for 5 seconds, the light will turn off and turn into a state of safe lock. The side switch will be useless unless unlocking it by a double press. (The light will flicker twice when you lock or unlock the switch, the battery indicator will be green when pressing the side button in lock mode.)
4. Battery indicator: The LED indicator will be on when the light is turned on.
 - Green: Over 70%
 - Orange: 70%-30%
 - Red: Less than 30%
 - Red Flashing: Less than 10%
5. 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 brightness mode automatically once its temperature reaches 65° to prevent damage to the light due to overheat.
6. The total running time will be extended significantly if the light is used discontinuously.



BATTERY USAGE:

1. Please remove the insulator on the battery pack when you use the light for the first time.

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 don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
- ✦ 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.

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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