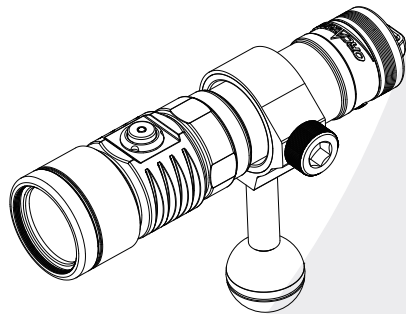




## User manual



### D710V MK2

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

The OrcaTorch D710V MK2 is an updated underwater video light designed for divers and underwater photographers who demand versatility and high performance. With a powerful 2300-lumen output and an ultra-wide 120° flood beam, it delivers uniform, shadow-free illumination with no blind spots, ensuring stunning clarity in every shot.

The D710V offers effortless operation with three specialized light modes. Neutral White – Delivers crisp, natural lighting for vibrant underwater scenes. Red Light – Perfect for photographing shy marine life without causing disturbance. UV Light – Enhances fluorescent night diving by illuminating biofluorescent organisms—no extra filters needed.

**The new-generation MK2 version features upgraded white light brightness and adds two UV light source, delivering a brighter and superior lighting experience.**

#### PRODUCT FEATURES

- ✓ Triple LED: White (2300 lumens), Red, UV
- ✓ 120° Wide Beam – No blind spots, ideal for video
- ✓ 1×21700 Li-ion Battery with USB-C charging– Long runtime, easy charging
- ✓ 150m Depth Rated – Rugged A6061-T6 aluminum, toughened glass
- ✓ Smart Features: Side titanium switch, battery indicator, safe lock, overheat & reverse polarity protection

#### TECHNICAL PARAMETERS

ANSI/NEMA FL1	White		Red	UV
Modes	High	Low	High	High
Output	2300 Lumens	750 Lumens	150 Lumens	10 Lumens
Runtime	1h 20mins	2h 40mins	4h 10mins	2h 30mins
Impact Resistant	1.5m			
Working voltage	2.8V-4.2V			
Dimension	145.8mm(Length) x 27mm(Tube Dia.) x 36mm(Head Dia.)			
Net weight	145g (Excluding battery)			
Accessories	21700 5000mAh USB-C Rechargeable Battery x 1, USB-C Charging Cable x 1, ZJ18 Ball Joint Bracket x1, Spare O-ring x 3, Lanyard x 1			

**Notice:** All performance data is measured per ANSI/NEMA FL1 standards using an OrcaTorch 21700 Li-ion battery (3.6V, 5000mAh) in controlled lab conditions. Real-world results may vary due to battery differences, environmental factors, or individual unit variations.

#### OPERATION INSTRUCTIONS

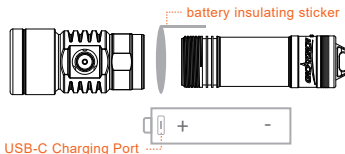
- Mode Selection**  
Press the side button to cycle through: High White → Low White → Red → UV → Off. Long-press (any mode) to turn off instantly.
- Battery Indicator (When On)**  
Green (≥40%) – Good power  
Red (10%-40%) – Low, recharge soon  
Flashing Red (<10%) – Critical, replace/charge immediately
- Safe Lock (Prevents Accidental Activation)**  
Lock: Hold side button 5 sec (off) → White Light Flickers twice.  
Locked state: Single-click won't activate the light; battery indicator shows green.  
Unlock: Double-press → Flickers twice (ready to use).
- Overheat Protection**  
Designed for underwater use—land operation may cause overheating.  
Auto dims at 65°C to prevent damage.
- Runtime Optimization**  
Intermittent use extends battery life significantly.

#### BATTERY REPLACEMENT

- As shown in the figure, insert the battery with the anode side (+) toward the light head.
- Please do not reverse battery to avoid damage to the flashlight and battery.
- Please do not use battery with higher voltage than flashlight working voltage.
- Please do not use battery with damaged surface or deformation to avoid short circuit, explosion, leakage, etc.

#### Note:

For first-time use, please remove the battery insulating sticker.



#### 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 take out the batteries after each diving.
- Please don't disassemble the sealed head, doing so may cause damage to the flashlight and will void the warranty.
- 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.
- 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, 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.

To ensure your safe use of this product, please carefully read and adhere to the following warnings and disclaimer.

#### ⚠ WARNINGS

##### 1. Keep Out of Reach of Children

This flashlight should be stored out of reach of children. Children are strictly prohibited from using this flashlight to prevent accidents.

##### 2. Avoid Direct Eye Exposure

Do not shine the flashlight directly into the eyes. The intense light may cause irreversible damage to the eyes. Maintain a safe distance when using the flashlight.

##### 3. Avoid Close Proximity to Flammable Objects

Do not use the flashlight in close proximity to flammable materials. The flashlight generates high temperatures during operation, which may cause objects to ignite, posing a safety hazard.

##### 4. Prohibit Unconventional Use

Do not use the flashlight in unconventional ways, such as holding it in your mouth. Malfunctions of the flashlight or its internal battery may result in personal injury or life-threatening situations.

##### 5. Be Aware of Temperature

The flashlight generates significant heat during operation, and the surface may become very hot. Be cautious to avoid burns and do not touch the surface of the flashlight while in use.

##### 6. Avoid Placement in Enclosed or Flammable Environments

When storing the flashlight in enclosed spaces such as pockets or backpacks, ensure it is turned off and the switch is locked, to prevent accidental activation. Avoid using the flashlight near flammable materials to prevent

##### 7. Non-Replaceable Light Source

The light source of this flashlight is not replaceable. When the light source reaches the end of its lifespan, replace the entire flashlight. Do not attempt to replace the light source yourself to ensure safety.

#### DISCLAIMER

OrcaTorch Technology Co., Ltd shall not be held responsible for any loss, injury, or accident resulting from improper use, misuse, or failure to follow the above safety guidelines. Users must strictly adhere to these safety instructions to ensure their own safety and the safety of others. If you have any questions or are unsure about the proper use of the flashlight, please contact the manufacturer or a professional for advice.



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