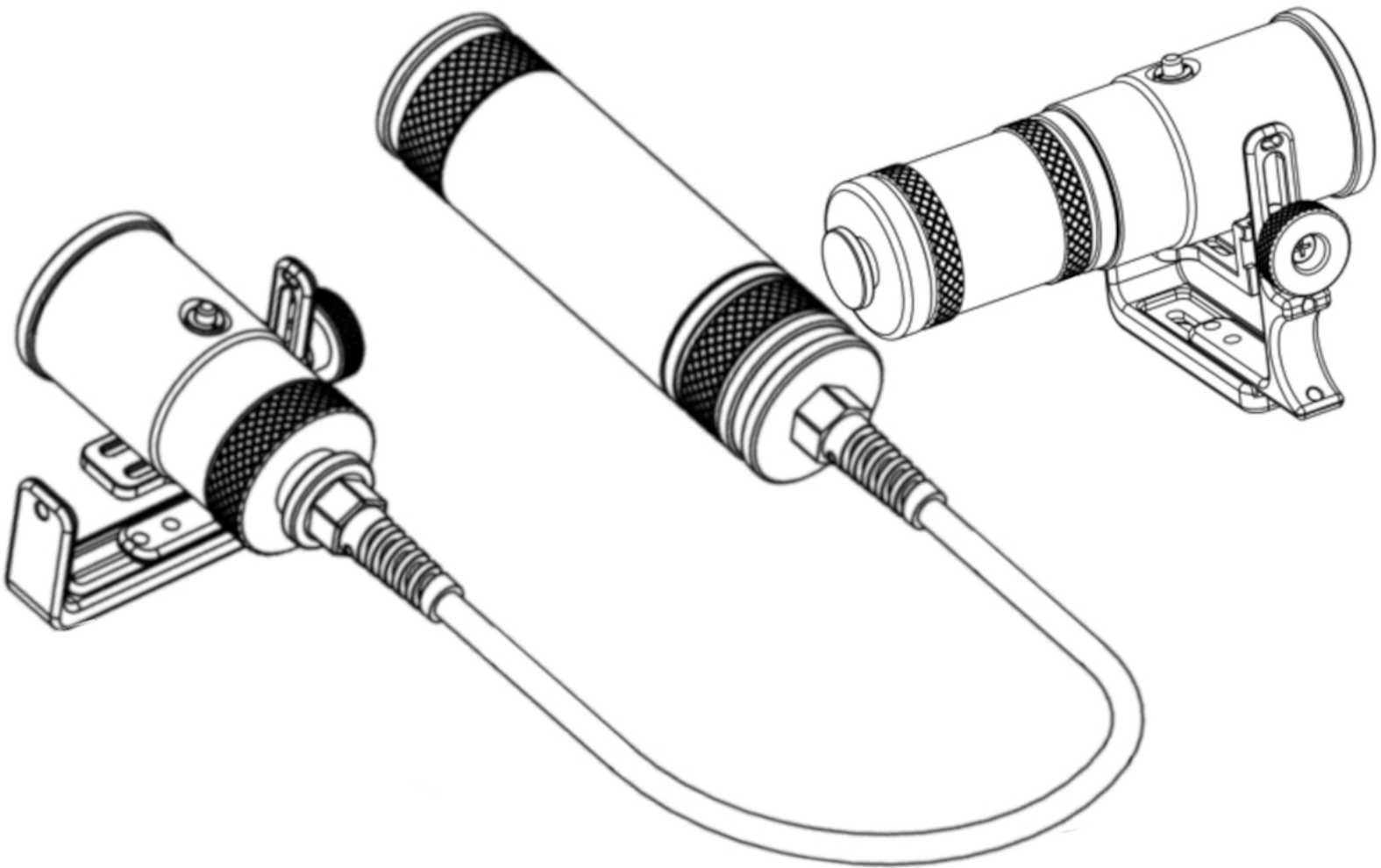


AQOR
DIVE SYSTEMS

Manual Light System 4K Flex



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Introduction

This manual describes the functions of the Aqor lamp sets and accessories.

This manual will help you to better understand the functions of your lamp set and ensure that you will enjoy your lamp system for many years to come.

Aqor lamp sets are manufactured from high quality materials to ensure maximum reliability.

If the user manual is not available or has been lost, you can download it from our website.

You can find a complete version of the manual via the QR code.



Safety instructions

Do not look directly into the light or point it at other people, as this can cause eye damage.

Avoid using the lamp outside of water to prevent the lamp housing and battery from overheating, as this will also affect the service life of the LED, circuit and battery

Only use the original charger, charge at room temperature and do not leave the battery unattended.

Store in a cool, dry place at approx. 20-80% charge. Avoid direct sunlight and metal objects.

Do not expose the battery to extreme temperatures and do not use it if it is damaged or inflated.

Keep contacts away from conductive objects and only use the battery in suitable devices.

Dispose of rechargeable batteries properly at collection points and not with household waste.

Pack batteries securely for transportation and find out about flight restrictions.

Keep batteries away from children

When flying, it is also mandatory to disconnect the battery tank from the LED unit to prevent it from being switched on unintentionally.

Specifications

LED-Set 4K Flex 14Ah

Material:

T6061 aluminum with hard anodized surface

Light source:

LED Cree High Intensity LED, chip life 50000 hours

Light output: 4000 lumen

Color temperature: 6000K

Beam angle: 7 degree spot

Operating depth: 150m

Switch type:

Magnetic

100% - 50% - 15%

Burntime:

14Ah 240 min (100%)

600 min (50%)

1600 min (15%)

LED lamp head dimensions:

Diameter: 57 mm

Length: 110 mm

Battery tank dimensions:

Diameter: 55 mm

Length: 240 mm

Net weight:

1900g incl. battery tank 9Ah / 14Ah

Specifications

LED 4K Flex Handheld

Material:

T6061 aluminum with hard-anodized surface.

Light Source:

Cree High-Intensity LED, chip lifespan: 50,000 hours.

Light output: 4,000 lumens.

Color temperature: 6,000 K.

Beam Angle: 7-degree spot.

Operating Depth:

150 meters.

Switch Type:

Magnetic switch with three modes: 100% - 50% - 15%.

Burntime:

60 minutes (100%).

140 minutes (50%).

400 minutes (15%).

Dimensions (including battery pack):

Diameter: 57 mm.

Length: 155 mm.

Weight:

Net weight: 700 g (including battery).

In-water weight: 300 g.

Battery Type:

3 x 18650 Li-Ion battery pack.

Scope of Delivery

LED 4K Flex Handheld

LED LAMP 4K

Handheld Battery Pack 3.5Ah

Adjustable Goodman Handle incl. Screws

Spare O-Rings

Li-Ion Charger



Scope of Delivery

LED Set 4K Flex 14Ah

LED LAMP 4K

Battery Tank 14Ah

Lamp Cable

Adjustable Goodman Handle incl. Screws

Spare O-Rings

Transport Case

Li-Ion Charger



Charging the battery

Charging port



Opening the Battery

Turn the battery cap or LED unit (Handheld version) counterclockwise to open it.

Connecting the Charger

Plug the included charger into a power outlet.

Connect the charger to the charging port of the battery.

Starting the Charging Process

Charging starts automatically once the battery is properly connected.

During the charging process, the charger's indicator light will glow red.

Completing the Charging Process

When charging is complete, the charger's indicator light will turn green.

Disconnect the charger from the battery and close the battery cap by turning it clockwise.

Maintenance

After a dive, you should thoroughly rinse and clean the battery tank and, if necessary, the lamp head with fresh water. The 4K Flex is designed to be low-maintenance. Only the O-rings require regular attention and care (cleaning and light lubrication).

However, we recommend having the battery tank and lamp head checked by an authorized dealer once a year.

Assembly

The assembly of the lamp is straightforward. However, note that both the lid or LED unit and the battery housing are made of aluminum. If these components are misaligned and forced into place, there is a risk of damaging the threads.

The lid or LED head is screwed on clockwise. If it is aligned correctly, the first few turns should be easy. If you feel increased resistance, check if the components are positioned straight.

The battery tank is equipped with three O-rings. Once the O-rings reach their sealing surface, the resistance when tightening will noticeably increase. This is normal and intended, as the strong O-rings ensure a reliable seal. Due to their higher friction, it is important to clean and maintain the O-rings regularly. Make sure no dirt or contaminants come into contact with the O-rings. It is also essential to regularly lubricate them with silicone grease.

If you are unsure about how to properly maintain the O-rings, ask your specialist retailer for advice and demonstration.

Operation

The 4K-Flex lighting system is controlled via a magnetic switch that responds to light pressure. The operation is very simple:

A short press (2–3 seconds): The lamp turns on and shines at 100% brightness.

Another short press: The brightness is reduced to 50%.

One more short press: The brightness is reduced to 15%.

Press for 2–3 seconds: The lamp turns off.

With this simple operation, you can quickly and intuitively adjust the lamp's brightness to suit your needs.

Mounting

We recommend attaching the battery tank to the waist belt. The designated belt loop is large enough to accommodate any standard 50mm strap. To prevent the battery tank from slipping, it can be securely fastened with a standard belt buckle.

The LED unit is mounted on a handle that has attachment points. Additional carabiners can be attached to these points, allowing the lamp to be secured to a harness, for example.

Additionally, the handheld battery has a groove where a carabiner can also be attached. This enables flexible and secure use of the lamp in various situations.

Warranty

Warranty Period:

The diving lamp comes with a limited warranty of 1 year from the date of purchase. The warranty is valid for the original purchaser only and is non-transferable.

Warranty Coverage:

During the warranty period, we guarantee that the diving lamp is free from material and manufacturing defects. In the event of such a defect, we will, at our discretion:

Repair the lamp,

Replace defective parts, or

Replace the diving lamp with an equivalent model.

Exclusions:

The warranty does not cover damages or defects caused by:

Improper use, misuse, or negligence

Modifications or repairs by third parties

Normal wear and tear, scratches, or cosmetic damage

Damage from accidents, drops, improper storage, or transport

Failure to follow the user manual

Water ingress due to improper sealing

Warranty Claim:

To make a warranty claim, please provide:

Proof of purchase (e.g., receipt)

A detailed description of the issue

Photos or videos documenting the damage, if applicable

Limitation of Liability:

This warranty is a voluntary service and does not limit your statutory rights. We are not liable for indirect, incidental, or consequential damages resulting from the use of the diving lamp.

Additional Notes:

The warranty period will not be extended in the event of replacement or repair. Replacement parts may differ in color or material from the original.

Disposal

We are registered with the Stiftung Elektro-Altgeräte Register (EAR) under membership number DE87056138. This foundation ensures that manufacturers meet their product responsibility for electrical and electronic devices, particularly fulfilling the obligations for recycling and disposal in accordance with the ElektroG (Electrical and Electronic Equipment Act).

****Environmentally Responsible Disposal of Batteries****

Please dispose of your battery in an environmentally responsible manner. By law, you are required to return batteries and accumulators for proper disposal. You can return your battery either to your Aqor retailer, directly to us, or for free at local collection points.

Batteries containing hazardous substances are marked with a symbol showing a crossed-out trash can. Additionally, the chemical symbol of the relevant hazardous substance is indicated:

- Pb = contains more than 0.004% by weight of lead
- Cd = contains more than 0.002% by weight of cadmium
- Hg = contains more than 0.0005% by weight of mercury

Why Proper Disposal is Important

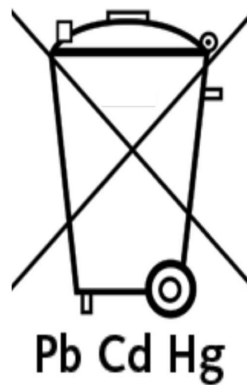
Old batteries may contain harmful substances or heavy metals that pose a risk to the environment and human health. At the same time, they are valuable sources of raw materials, as many components can be recycled and reused.

Note on the Battery Act

For detailed information on the Battery Act, please visit the website of the Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety.

Remember:

Batteries and accumulators should not be disposed of in household waste. By disposing of them responsibly, you help protect our resources and the environment!



Certification

The 4K Flex system and the electronic accessories are manufactured in compliance with the following standards.

EN IEC 55015:2019+A11:2020

EN IEC 61000-3-2:2019+A1:2021+A2:2024

EN 6100-3-3:2013+A1:2019+A2:2021+AC:2021-01

EN IEC 61547:2023

