

B and H
C4-C8-L2
Underwater
Kinetics



B and H C4-C8-L2 Underwater Kinetics Instruction Manual

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B and H C4-C8-L2 Underwater Kinetics



OPERATING INSTRUCTIONS AND IMPORTANT INFORMATION

Thank you for purchasing this Underwater Kinetics light. We have worked hard to create a light that is safe, reliable, and the brightest in its class. The C4/CB (L2) eLED Dive Lights are designed for maximum performance underwater. To do this we take advantage of the fact that LEDs are most intense when kept cool. Two high-intensity LED arrays are attached to a heat sink called the Lumen Booster which is in direct contact with the water through the front lens. This patented system cools the LEDs and allows them to remain brighter underwater than in air. In addition, an electronic circuit monitors the LEDs and prevents overheating and allows the selection of full power or battery-saving mode. The white color of the LED light penetrates water better than light from conventional incandescent lamps allowing greater visibility underwater. A unique reflector combines the beams of 2 LEDs into a single beam which is twice as bright. The beam is wide enough for scanning the reef at night or exploration of the interior of a wreck.

Unpacking and Assembly

1. Install disposable alkaline

C-cells or Rechargeable Pack When using alkaline batteries make sure that the Alkaline Battery Contact Plate is positioned in the bottom of the Case as shown in the illustration. Insert alkaline C-cells making sure that the cells are oriented to match the polarity indicated on the contact plates. The light will not operate if the batteries are not properly oriented. When using a rechargeable battery pack, make sure that the pack is charged. Attach the spring to the battery pack as shown and insert it into the case. Make sure that the small tab on the end plate of the battery pack is aligned with the label on the inside of the case.

2. Clean O-ring

Remove the main D-ring and clean it by running it between your fingers until it feels clean and smooth. Wipe the areas around the case and bezel which touch the a-ring with a soft cloth until those areas are clean. Lightly grease the D-ring with silicone grease and place the D-ring at the base of the threads on the case.

3. Install Bezel / eLED Light Module

- Place the Bezel / eLED Light Module over the opening in the case. During the twin ribs on the wall of the case with the slot in the back of the reflector module.

While pressing the bezel into the case, twist it onto the case until the O-ring is compressed. Screw the

bezel on approximately 1/4 turn past the point when the O-ring first contacts the bezel and begins to be compressed. Do not over-tighten.

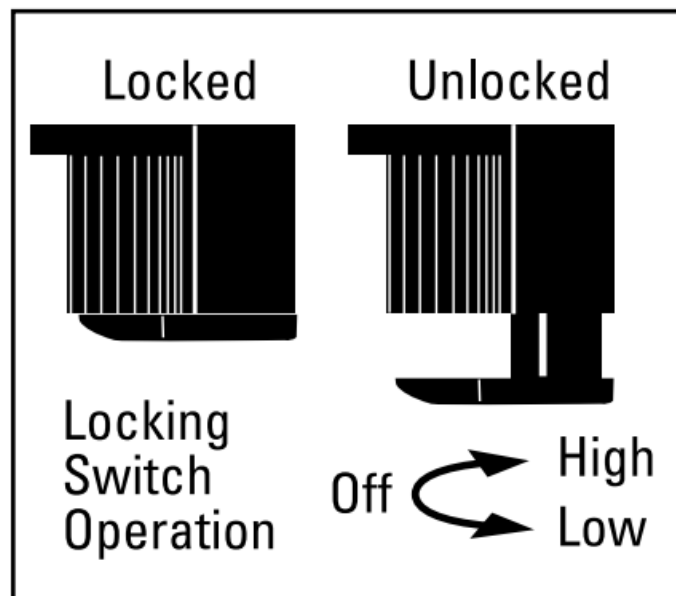
4. Turn Light ON (high-low)

Pull out the lock in order to rotate the switch which is located near the grip between HIGH, OFF and LOW power. Push the lock inward to prevent accidental rotation. When traveling always lock the switch in the OFF position.

Care and Maintenance

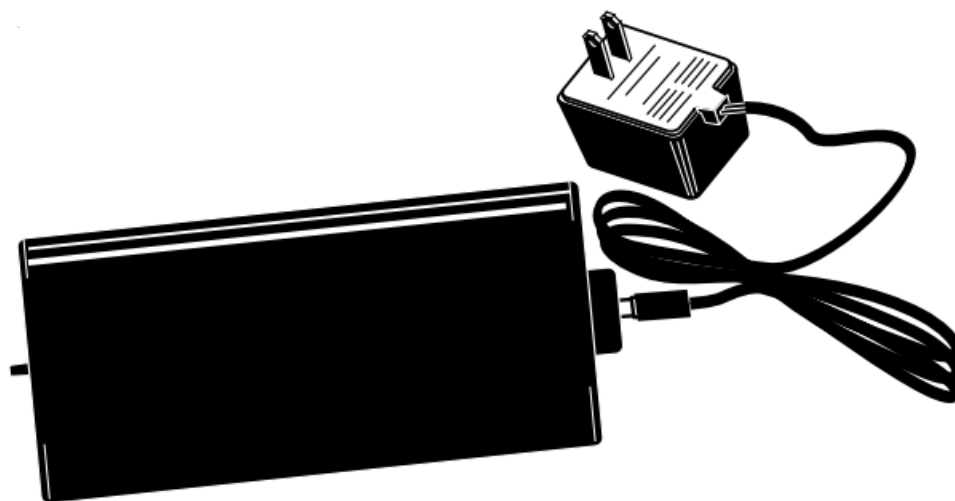
Keep the area around the a-ring seals clean. • Do not allow the light to get hotter than 130°F (55°C) in order to prevent damage to batteries and sealing surfaces.

- If your light floods with water, turn it off immediately. After returning to shore or dive boat, unscrew the bezel and rinse the contents with fresh water. Allow all components to dry completely. Reassemble the light to see if it still works. If not, return it to your UK dealer or directly to Underwater Kinetics for repair. Remove the a-ring before shipping.
- If the reflector assembly should get wet, but still works after drying, be sure to have your dealer install a new hydrogen removal catalyst inside the reflector.
- Do not store batteries in the dive light for long periods of time. They may leak and damage the light.



Battery Pack Charging

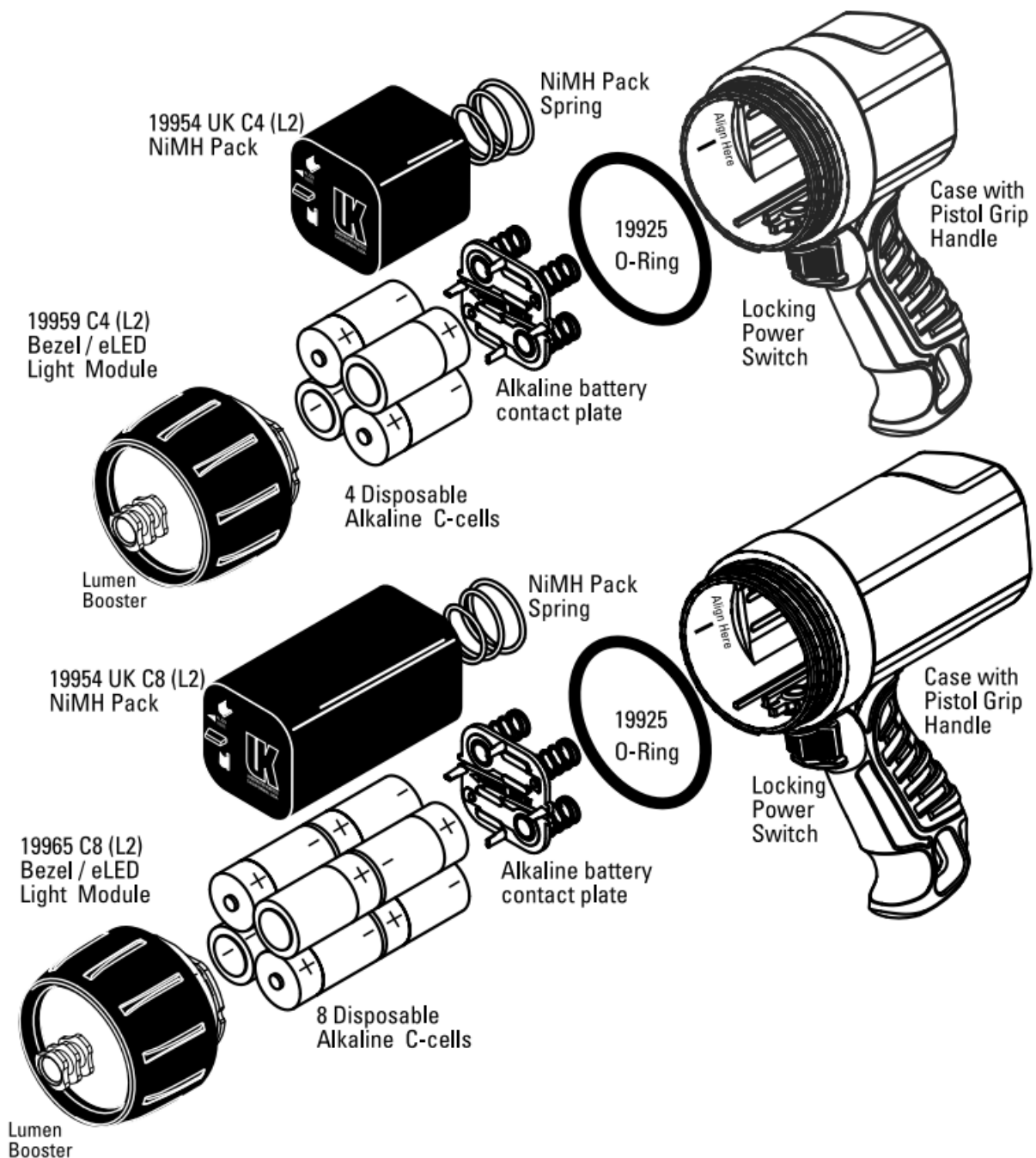
Use only the charger listed on the Battery Pack for charging. Insert the charge plug from the charger into the socket on the end of the battery pack. Charge the pack until the charger indicates the charge is complete. Although the battery only loses a few percent of its charge per month, it is best to charge the battery before use if it has been in storage for a while.



Battery Charger

C4/C8 (L2) eLED Performance

	C4 (L2)	C4 (L2) Rech	C8 (L2)	C8 (L2) Rech
Lamp:	19959 eLED Module		19965 eLED Module	
Type:	Paired high intensity white LEDs			
Input V:	5.2 V (nom)	4.8 V (nom)	10.4 V (nom)	9.6 V (nom)
Batteries:	4 alkaline C	4 NiMH C	8 alkaline C	8 NiMH C
Reflector:	Fused double parabolic			
Depth:	Waterproof to 500 ft / 150 m			
Seals:	Nitrile rubber o-ring seals			
Catalyst:	Platinum on alumina pellets (4)			
Polarization:	Light only operates with cells inserted properly			
Switch:	Rotary FULL—OFF—HALF with push to lock safety			
Materials:	Polycarbonate, polypropylene, nylon			
Dimensions:	6.8 x 5.6 x 3.2 in / 17 x 14 x 8 cm		7.2 x 3.2 x 7.1 in / 18 x 18 x 8 cm	
Weight:	25 oz / 709 g	25 oz / 709 g	36 oz / 1020 g	36 oz / 1020g



CAUTION

Batteries that are (1) loaded without observing the proper polarity, (2) are not the same type, brand name and age or (3) are completely discharged can vent hydrogen gas and possibly cause an explosion.

- Load batteries according to the diagram shown on the light or in these instructions.
- Do not mix batteries of different type, brand names or ages.
- Discard all batteries as soon as they are drained or no longer produce light

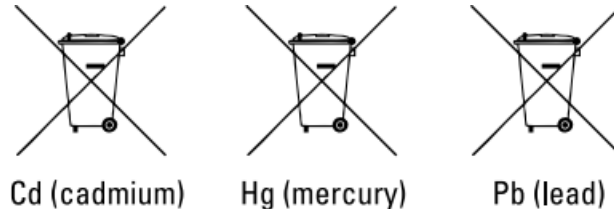
WARNING FOR RECHARGEABLE AND LITHIUM BATTERIES:

Only empty (run down) batteries should be delivered to battery collection points. Please ensure that the poles of the battery are isolated (for example: with an adhesive strip) as an added precaution against short-circuits should the battery not be fully empty.

IMPORTANT NOTE INFORMATION ON HOW TO DISCARD BATTERIES AND ACCUMULATORS:

According to Directive 2006/66/EU (in Germany Batteries Act-BattG), any user is obligated by law to return spent used and/or used batteries (rechargeable and non-rechargeable). Batteries and accumulators must not be disposed of with household waste. In Germany old batteries can be handed over free of charge at the local municipal collecting point for such items or returned to any shop that sells batteries of that sort (please note that other countries may handle it differently). If you have purchased any batteries from us, you may as well return them after use by sending them to the address stated below (postage will be paid by us).

You are making an important contribution to protecting our environment!



Warranty

US – Limited Lifetime Warranty

Underwater Kinetics products are engineered for maximum performance and durability. All products carry a Limited Lifetime Warranty to the original retail purchaser to be free from defective material and workmanship under normal and intended use. In addition, the Underwater Kinetics Limited Warranty covers materials used in its products to the original purchaser, from the date of purchase, as follows: plastics for 10 years; rubber for 3 years, LED and electronics for 1 year, rechargeable batteries for 90 days (batteries and lamps are not produced by Underwater Kinetics). In the event the original retail purchaser detects a defect in the material or workmanship, the product along with proof of purchase date should be returned to an authorized Underwater Kinetics dealer or directly to Underwater Kinetics with the postage prepaid. Underwater Kinetics agrees to repair or replace at Underwater Kinetics' sole discretion any product found to be defective in material or workmanship within the time period specified above. For the complete Limited Lifetime Warranty write to Underwater Kinetics or go to the website www.uwk.com.

Address all correspondence and returns to:

Underwater Kinetics

- 13400 Danielson Street Poway, CA 92064
- Tel: [858-513-9100](tel:858-513-9100)
- fax: [858-513-9111](tel:858-513-9111)
- email: info@uwk.com
- web: www.uwk.com

European Warranty


Underwater Kinetics warrants that this product is free from defects in materials and manufacturing for a period of 10 years from the date of purchase under normal use. In addition, the Underwater Kinetics Limited Warranty covers materials used in its products to the original purchaser, from the date of purchase, as follows: plastics for 10 years; rubber for 3 years, LED and electronics for 1 year, rechargeable batteries for 90 days (batteries and lamps are not produced by Underwater Kinetics). This warranty is limited to the first purchaser of the product and is not transferable. This product is not warranted if it is modified or used inappropriately. If the original retail purchaser

detects a defect in the material or workmanship, the product along with proof of purchase date should be returned (postage prepaid) to an authorized Underwater Kinetics dealer in the area or directly to UKE Underwater Kinetics Europe. Underwater Kinetics agrees to repair or replace at Underwater Kinetics' sole discretion any product found to be defective in material or workmanship within the time period specified above. This warranty is not valid when handled by third parties that are not authorized by Underwater Kinetics or its distributors. Nothing contained within these warranty terms detracts from your Statutory Rights.

Address all correspondence and returns to:

- UKE Underwater Kinetics Europe GmbH
- Ritterstr. 45b, 42899 Remscheid, Germany
- **tel:** +49 (0)12191 890 254 0
- **fax:** +49 (0) 2191 890 254 44
- **email:** info@uwkinetics.eu
- **web:** www.uwkinetics.com

Documents / Resources



[B and H C4-C8-L2 Underwater Kinetics](#) [pdf] Instruction Manual
402129, C4, C8, L2, C4-C8-L2 Underwater Kinetics, C4-C8-L2, Underwater Kinetics, Kinetics

References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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