

Watershot
LED Lighting *San Diego, Ca*



STRYKR Dive and Video Lights
Operation & Owner's Manual



Watershot STRYKR Lights

Thank you for choosing Watershot as part of your underwater equipment.

The Watershot STRYKR Dive light family consists of waterproof LED lights, both canister and torch styles, that can be mounted in a variety of ways. The STRYKR lights are available in a variety of models, the models offer users choices of depth rating, beam pattern, battery size, mounting configuration, and canister or torch versions. The models within the STRYKR system are modular, meaning that the cords, batteries, chargers, etc. are can be shared/interchanged among the different versions. For example, the WSLED-K001A 40-meter version may be upgraded to the 100-meter version simply by replacing the 40-meter battery with the 100-meter battery. Everything else is the same.

Precautions

- Watershot STRYKR Dive Lights are designed and rated for underwater use. Before packaging and shipping, each Watershot STRYKR dive light is chamber pressure tested and checked for proper operation. To ensure that your Watershot STRYKR dive light maintains optimum performance.
- Should a flood occur due to malfunction, Watershot bears no responsibility for incidental damages (relevant expenses incurred to perform a dive).

WARNING

- DO NOT use any sharp object/tool to remove seals or O-rings. Such objects could damage sealing surfaces and cause leakage.

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Included Components

A typical STRYKR canister dive light kit includes the following: 10W LED light head, STRYKR battery, tank mounting strap, coiled cable, neoprene hand strap, Battery, Charger. A typical STRYKR torch kit includes the 10W LED torch and a charger.

These lightweight components allow the STRYKR canister lights to be installed on your tank or hand. Optional head mounting kit allows additional head mounting option.



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Using the STRYKR

The STRYKR is extremely easy to use with a button placed conveniently on top of the light head where it is easy to find and operate. The STRYKR has 4 modes: Hi, Med, Low and Strobe.

Press and hold the switch for one second to turn the light on High, press and release it again to switch to Medium, and again to switch to Low. To select Strobe, start with the light turned off. Press and hold the button for 4 seconds until the Strobe begins then release. To turn the unit off from any mode, simply hold the button down for 2 seconds.

Interpreting the Battery Life Indicator

The STRYKR's Closed Loop Microprocessor is constantly working to ensure proper thermal management and maximize brightness in every power level. When you reduce the power level, the microprocessor will recalculate the amount of battery life left at that specific level.



GLOW INDICATOR

The indicator glows around the button to indicate the current battery condition. To indicate battery life remaining on High power the bezel will:

Glow green from 3 – 1.5 hours

Flash green for 1.5 hours to 30 minutes

Glow yellow from 30 minutes – 10 minutes

Flash red at less than 10 minutes remaining

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Assembly

Mounting the battery

- **Tank Mount** - Install the battery tank grip on the battery then attach the battery to the tank with the supplied Velcro strap.

NOTES -

1. The 4-cell STRYKR batteries can also be mounted to your arm or BCD with the Watershot Arm Strap Kit (sold separately).
2. The 150M rated STRYKR batteries include a battery pouch that allows for easy belt or lanyard mounting



Mounting the light head

- The STRYKR canister light head is mounted to the hand strap via the supplied mounting screw. The hand strap can then be mounted to either hand. The hand strap is secured to the wrist and palm with the Velcro strap. **NOTE - The STRYKR light head can also be mounted to the Watershot pistol grip and head strap Kit (sold separately).**

Attaching the cord:

Insert the cord into the light head and tighten to secure. Follow the same procedure on the battery side of the cord.



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Charging

The STRYKR battery charger will fully charge a dead battery in just 2.5 hours.

To charge the battery, plug the charger into your wall socket and it will illuminate green on the indicator. Attach the battery to the charger and the indicator will change to red to let you know the battery is being charged. The indicator will show green once the battery is fully charged and ready to go!

Changing the Optic

The STRYKR dive light head comes with a spot optic to best suit your diving needs. There may come a time when the optic needs to be replaced. To replace the optic, simply turn the rubber front cap counter clockwise to unscrew it. The optic can now be removed from the housing. Note that the locating pin for the optic is on the top side.



Install the alternative optic making sure the alignment pin seats and the reflector sits flush with the housing. You can now screw on the rubber front cap until it is tight and the STRYKR text is back on top.



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Maintenance

The Light Head, Battery, and Torch can be cleaned with warm soapy water. The connection bulkhead (cord connection port) on the light head, battery, and torch should be plugged before cleaning (either with a cord or a plug). Never use a high pressure spray or stream of water for cleaning the unit. Water should never enter the unit but if for some reason you develop moisture behind the optic, unscrew it per the instructions in the “Changing the Optic” section on page 7 and simply let the lens air out until the moisture clears and reassemble the unit.

When charging the STRYKR battery pack it is important to give it a full charge which is indicated by the green light on the charger. When not using the light for short periods of time be sure to unplug the light head from the battery and keep the battery fully charged. If you have not used

Troubleshooting

The STRYKR system has been tested extensively and should offer no hassle operation. A key factor to keeping the STRYKR operating trouble free is proper battery care.

Light does not turn on = Double check connections are seated and secure
Battery does not hold a charge = Replace Battery
Cord is damaged or torn = Replace Extension Cord

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Accessories



12" Coiled Cord



22" Coiled Cord



32" Coiled Cord



14" Straight Cord



Head Mount Kit



Battery Arm Mount



Pistol Grip Kit



40 Meter Battery



150 Meter Battery

**check website for
additional accessories
www.watershot.com*



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Warranty Conditions

Watershot's Limited Warranty provides the original owner that this Watershot product is free from defects in material and workmanship. This warranty is NOT transferable. Watershot agrees, at its option, to either repair or replace the product with same or similar product within One (1) year from date of original purchase. Proof of purchase (sales receipt and/or warranty card) is required to obtain service or replacement during the warranty period. Shipping cost of the product back to Watershot for warranty service is the responsibility of the owner/customer and will not be paid by Watershot. Standard ground freight for return of repaired/replaced warranty products to the customer will be covered by Watershot. Expedited return delivery is the sole responsibility of the customer.

LIMITATION OF WARRANTY

THIS WARRANTY IS VALID ONLY IN THE UNITED STATES OR FOR PRODUCTS PURCHASED FROM USA RETAILERS. THIS WARRANTY DOES NOT COVER DAMAGE RESULTING FROM THE FOLLOWING:

- ACCIDENT
- MISUSE
- ABUSE,
- ENVIRONMENTAL INFLUENCES
- MODIFICATION OF THE PRODUCT
- SERVICING PERFORMED OR ATTEMPTED BY UNAUTHORIZED SERVICE FACILITIES OR PERSONS

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Specifications

Light Output: 700 Lumen, 10-watt LED

Beam Pattern: Dive: 9° spot ; Video: 75° even flood

Depth Rating: **40M:** WSLED-K003A

100M: WSLED-K016A, WSLED-K202A, WSLED-K050A,
WSLED-K051A

150M: WSLED-K303A, WSLED-K004A, WSLED-K015A

Battery Life(4-cell/8-cell): High Power - 3 Hours* / 6 Hours*

Medium Power - 6 Hours* / 12 Hours*

Low Power - 12 Hours* / 24 Hours*

Strobe - 30 Hours* / - 60 Hours*

Recharge Time(4-cell/8-cell): 2.5 Hours / 5 Hours

WSLED-K001A kit in water weight: 250 grams negative

Light Head dimensions (WSLED-K016A): Ø57mm, 84mm long

4-cell 150M battery dimensions (WSLED-K004A): 47mm tall, 118mm long, 47mm wide

**Values are for one light head per battery. Due to the closed loop thermal management, the actual times are dependent on ambient conditions.*

Warranty Information

Owners Name _____

Address _____

Telephone _____

E-mail _____

Purchase Date	
Product Name	
Model #	
Serial Number	
Dealer Name	
Price Paid	

For your records

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