



*LIGHT-FOR-ME*

light-for-me  
User's Manual  
3XML Alexandra RCA head

Please read the following manual carefully before the first use and keep it for future reference.

Scuba diving is treated as an extreme sport and requires proper training and certification. Using scuba equipment, 3XML Alexandra head included, by an untrained and inexperienced person without proper certification may cause health damage and even risk of death.

**Light-for-me 3XML Alexandra head:**

- 3 x XML II diodes
- 4<sup>th</sup> red signalling diode
- up to 3600 lumens
- light angle: 13 degrees
- 30 W
- piezo switch
- three modes of light: 10%, 50% and 100%
- control over LEDs temperature
- control over battery pack discharge
- made from anodised aluminium
- detachable cable with RCA connector
- cable length:
  - standard: 110cm
  - SideMount (custom made): up to 123cm



3XML Alexandra head can be powered by light-for-me ACCUs with compatible RCA cable entry point. Burn time (given at 100% power) depends on the battery pack and is as follows:

ACCU XS 14.4V 4.4Ah:	2h
ACCU S 14.4V 6.75Ah:	3h
ACCU M 14.4V 11.25Ah:	5h
ACCU L 14.4V 22Ah:	10.5h

Given burn times may differ from actual burn time +/- 10%.

Given burn times are based on battery packs provided by light-for-me only.

Given burn times are based on one head connected only.

4th red signalling diode - this diode lights up when:

- there is a break in connection of the light head to battery pack; this happens when the RCA plug has not been connected properly to the port or when the RCA plug or port is rusty/dirty;
- the battery pack voltage is too low to power the head;
- there is an error on the driver board.

In all the above situations the head does not light up, but the 4th red diode flashes. Should this happen, disconnect the head from the ACCU, check if the RCA plug and/or port are clean and

connect the head to the ACCU again. Do not disconnect the head from the ACCU if this happens underwater as this will lead to flooding the head and ACCU.

### **Before the dive**

Check the head's visual condition - see if the front glass is not chipped or broken. Check the cable - if it is cut or damaged, do not dive! Check the cable's RCA plug - it should be clean and dry, remove any dust or sand with a clean tissue (see photo below).

Put the head's RCA plug into the ACCU's RCA port (cable entry), press it slightly and turn the rotating cap tightly (see photos on the right)

Check if the head is working by pressing the piezo switch - make sure the torch is not switched on for more than 5-7 seconds on the surface. Do not direct the light into yours or anyone else's eyes.

Operating the head: first press - 10% power, second press - 50% power, third press - 100% power, fourth press - off.

Attach the 3XML Alexandra head securely to your dive harness when not held in hand. Do not let the light head dangle or be dragged at any point before, during or after the dive.

Do not disconnect the light head from the accu when under water - this will cause flooding and irreversible damage to the head and the inside parts.

### **After the dive**

Before disconnecting the head from the canister, rinse the whole set (head connected to the accu) well in fresh water. Dry the head, cable and RCA connection point (plug and canister's top) completely before disconnecting the RCA plug from the canister.

To disconnect the plug from the canister, turn the rotating nut in an anti-clockwise direction and pull it firmly. Do not pull by the cable.

Immediately after disconnecting the cable's RCA plug - dry it.

Check the visual condition of the head again.

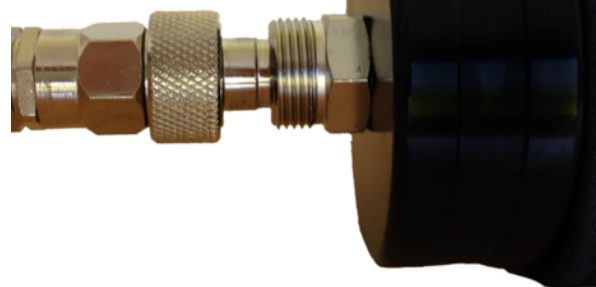
### **Storage**

Check the head's condition and dry it if necessary.

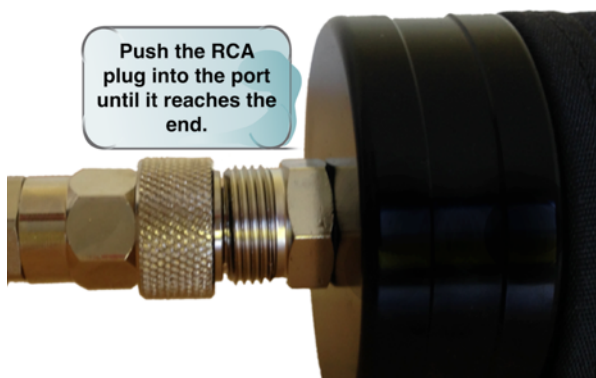
Store the head in a dry place.

Store the head in a way preventing accidental switch on or disconnected from the accu (make sure the ACCU's RCA port and head's RCA plug are not prone to getting wet / moisture).

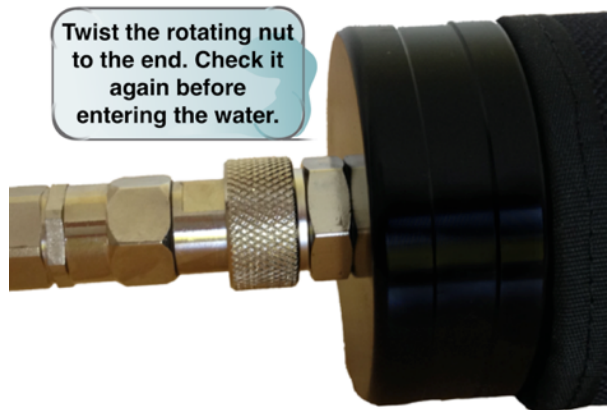
Before connecting the cable to the RCA port, slide back the rotating nut and carefully place the plug into the port.



Push the RCA plug into the port until it reaches the end.



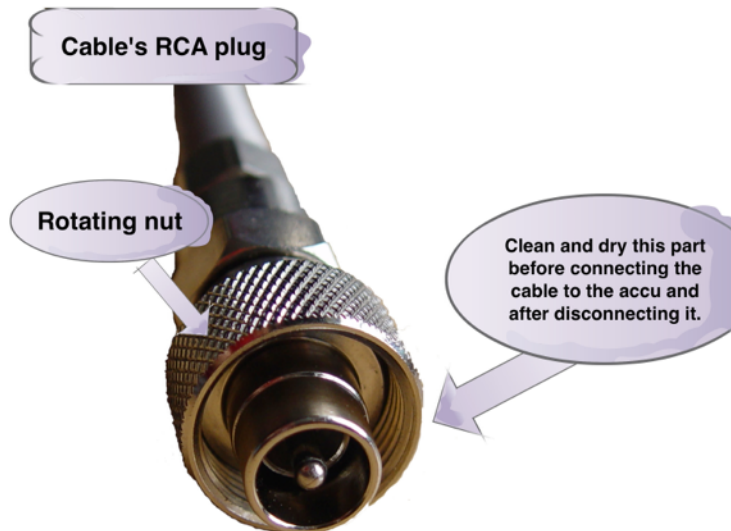
Twist the rotating nut to the end. Check it again before entering the water.



Cable's RCA plug

Rotating nut

Clean and dry this part before connecting the cable to the accu and after disconnecting it.



## Troubleshooting

Problem	Solution
<b>3XML Alexandra light head does not switch on.</b>	Charge the ACCU according to the instructions provided. Clean the ACCU's connection port and cable RCA plug.
<b>One /some of the LEDs is not working.</b>	The light head needs to be serviced. The LED is damaged and/or burnt.
<b>One/some of the LEDs seem to be darker than the rest.</b>	The light head needs to be serviced. The LED is burnt.
<b>The light does not switch on, there is a red light flashing.</b>	<p>4th red signalling diode flashes when there is improper connection between light head and accu or when there is a fault with the electronic board. If noticed on the surface: disconnect the light head from the accu, check the RCA port and plug for any dirt, remove / clean if necessary and connect again. Switch the head on for a few seconds. If the problem continues - the set needs to be checked and serviced.</p> <p>If noticed while diving / under water: do not disconnect the light head from the accu as this will cause flooding. Use your backup light(s) to finish the dive safely following all the necessary safety procedures. When on the surface, dry the whole set and follow the instruction given above.</p>
<b>The light spot of the light head seems to be different / irregular. The light power seems to be lower.</b>	The light head needs to be serviced. The optics is probably damaged due to too high temperature inside the head (from switching the light on the surface for too long time)
<b>3XML Alexandra head + accu have been underwater without the RCA plug fully closed. There is water in the head. The front glass is fogged from the inside.</b>	The set needs to be serviced, it has flooded.
<b>The cable is damaged, torn or cut. There are visible holes / cuts in the cable.</b>	The light head needs to be serviced. High risk of flooding the torch if it is immersed in water with its cable damaged.

