



light-for-me
User's Manual
NW7 RCA head

Light-for-me NW7 RCA head:

- Optics:

- 4 x XPE; 6 degrees, up to 1200 lumens, 18W, 100% power mode
- 3 x XML II; 70 degrees, up to 3600 lumens, 30W, 100% power mode
- all 7 LEDs on, up to 4800 lumens, 48W, 100% power mode

- Piezo switch, recessed in the housing, no influence over compass

- made from anodised aluminium, stainless steel gland with spring

- tough cable with RCA plug detachable from the ACCU

- cable length:

standard: 110cm

SideMount (custom made): up to 123cm



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. 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 cable entry, press it slightly until the whole RCA plug is inside the ACCU RCA port and turn the rotating cap tightly (see photos).

Check if the head is working by pressing the switch - make sure the torch is not switched on for more than 2-5 seconds on the surface. Do not direct the light into yours or anyone else's eyes.

Operating the head - to switch between the modes, press firmly the Piezo switch: first press - 4 x XPE

100% power mode, second press - 3 x XML II 100% power mode, third press - all 7 LEDs on 100% power mode, fourth press - off.

Attach the NW7 head securely to your dive harness when not held in hand. Do not let the light head dangle or be dragged on the bottom during the dive.

Do not disconnect the 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 (connected head plus accu) 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.

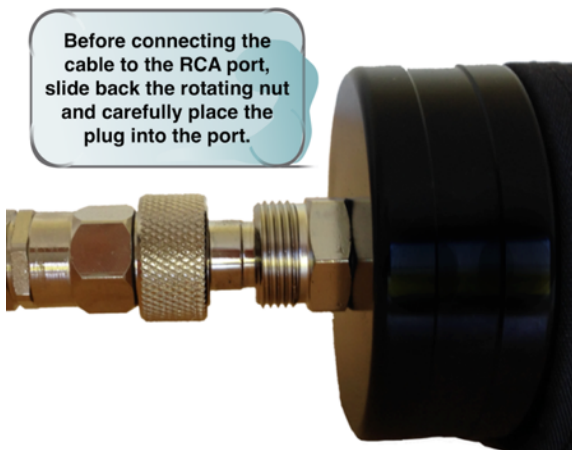
Check the visual condition of the head and cable again.

Storage

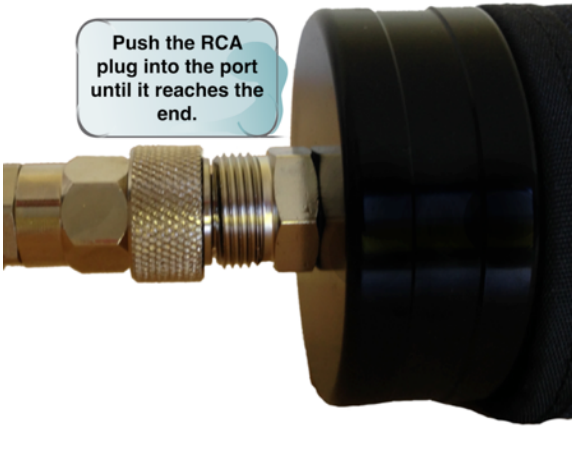
Check the head's condition and dry it if necessary.

Store the head in a dry place.

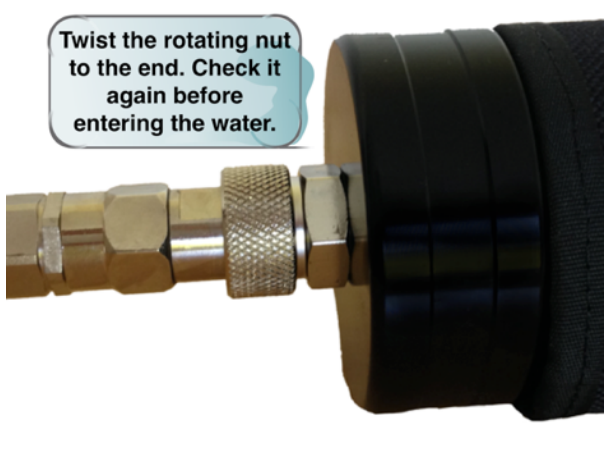
Store the head in a way preventing accidental switch on or disconnected from the accu (make sure the ACCU's RCA port and head's RCA plug are not prone to getting wet / moisture).



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.

Burn times

NW7 RCA 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:

	4 x XPE, 18W, up to 1200 lumens	3 x XML II, 30W, up to 3600 lumens,	all 7 LEDs on, 48W, up to 4800 lumens
ACCU XS 4.4Ah 14.4V	3.5h	2h	1h 10min
ACCU S 6.75Ah 14.4V	5h 20min	3h	2h
ACCU M 11.25Ah 14.4V	9h	5h 20min	3h 10min
ACCU L 22Ah 14.4V	17h	10.5h	6.5h
ACCU 18Ah 12V	12h	6h	4.5h

Given burn times are rounded may differ from real 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 to the ACCU.

It is not recommended to drain the battery pack completely.

Troubleshooting

Problem	Solution
NW7 RCA light head does not switch on.	Charge the ACCU according to the instructions provided. Clean the ACCU's connection port and cable RCA plug.
One /some of the LEDs is not working.	The light head needs to be serviced. The LED is damaged and/or burnt. Contact the manufacturer / seller for further instructions.
One/some of the LEDs seem to be darker than the rest.	The light head needs to be serviced. The LED is burnt. Contact the manufacturer / seller for further instructions.
The light spot of the light head seems to be different / irregular. The light power seems to be lower.	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). Contact the manufacturer / seller for further instructions.
The NW7 RCA 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.	The set needs to be serviced, it has flooded. Contact the manufacturer / seller for further instructions.
The cable is damaged, torn or cut. There are visible holes / cuts in the cable.	The light head needs to be serviced. High risk of flooding the torch if it is immersed in water with its cable damaged. Contact the manufacturer / seller for further instructions.

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