

AMMONITE[®]
S Y S T E M

LED STINGRAY

user manual

Thank you for selecting the LED STINGRAY diving torch manufactured by Ammonite System® The instruction manual should be read carefully before use

Instructions

Torches manufactured by Ammonitesystem® are intended for use in water. Torch casings are made of anodised aluminium; toughened glass and Delrin material were used as auxiliary materials. Electrical and electronic components as well as standard or rechargeable batteries used for their power supply can be dangerous for the environment.



This symbol when placed at the product or its packaging indicates that the product may not be treated as household waste. It should be forwarded to a relevant collection centre which processes electrical and electronic equipment.



By ensuring adequate storage, you will support the reduction of negative effects threatening the environment and human health in case of improper storage.



Recycling helps to preserve natural resources. In order to obtain more precise information on recycling feel free to contact the competent local authority or body responsible for environmental protection or with your local company engaged in waste disposal in your town / city or the vendor at which you purchased the product.

After termination of the operation standard or rechargeable batteries should be placed in a special container or forwarded to a designated point for further processing.

For this purpose you should get familiar with applicable provisions in the field of environmental protection

Projected use

The Ammonite System® diving torch LED STINGRAY is intended for use under water as a compact primary torch or backup torch, but there is no reason why it should not be used out of water for a short period of time.

WARNING! – The metal parts can reach a high temperature while the torch is being used out of water.

Switching on and off

Before using the torch, its tightness should be checked by verifying whether all parts sealed with o-rings are properly twisted.

The o-rings cannot be dirty; any damage i.e. scratches, cracks or cuts can cause leakage and consequently electrical damage.

The Li-Ion 18650 rechargeable cell should be applied for LED STINGRAY power supply.

The torch head should be unscrewed out of the handle; the battery should be placed in

such a manner that the [-] pin leans against the spring inside the handle. The torch is switched on by screwing the head and switched off by its unscrewing until the torch goes out and by doing around half a turn more.

Storage and transport

The LED STINGRAY torch should be stored and transported with the batteries out, which avoids its possible damage caused by incidental switching on.

Battery charging

The Li-Ion 18650 rechargeable cell can be charged with the use of the charger attached to the DELUXE SET or any charger dedicated to charging 18650 Li-Ion rechargeable cells.

WARNING! During the charging do not leave the charging battery unattended.

Do not charge the battery at temperatures lower than 0 °C and higher than 40 °C [32 °F and 104 °F respectively]

Precautions to be taken

Do not use the 18650 rechargeable cells not protected by the protecting circuit.

Do not use batteries heated up to temperatures of more than 40 °C [104 °F] – high temperatures can destroy the battery.

Do not leave the torch in the sun. A battery heated as a result of that can reach a considerable temperature, which may lead to a significant gas emission from the battery, resulting in untightening of the torch and subsequent damage to it, or even its explosion.

Do not leave the torch next to a heat source.

The torch is a strong source of light!

Looking directly at the light should be avoided. The torch is also a source of UV radiation. The radiation can cause damage to the eye retina. Uncovered skin exposure to prolonged radiation should be avoided as well.

The torch is not a toy!

Keep out of reach of children.

Ammonite System® guarantees torch tightness up to the depth of 200 m.

Do not use the torch in the case of any visible damage to the o-ring sealing.

It is recommended to check the o-rings located on the head every time the battery is charged.

It is recommended to lubricate the o-rings with silicone grease after several dives.

The o-rings ensure tightness unless they are dirty or damaged (scratched, cracked, having lost their elasticity). Ammonite System® ensures tightness of the torch only when the dimensions of the o-rings being used are compliant with those specified by the manufacturer as proper for a particular torch type.

Do not use the torch if water enters inside. Contact a service company in order to check tightness and to remove possible causes of its loss.



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