

TUSA WATERPROOF FLASHLIGHT USER MANUAL

Model# TUL-400MDR (wide beam) or TUL-410MBL (concentrated beam)

FEATURES

This stylish waterproof flashlight is compact yet bright, using a long life CREE-XPG LED for maximum effect. The magnetic tail switch features variable power control: push one time for 100% power, 2 times for 30% power, 3 times for off. From any setting, push and hold switch for 3 seconds to activate emergency strobe. The magnetic switch eliminates water leakage often seen in conventional models and has a high capacity to withstand pressure.

USAGE CAUTIONS

CAUTION: Make sure to only use equally charged batteries-do not mix and match. Never mix Alkaline and Lithium batteries.

SWITCH CARE: Because a magnet is used in the tail switch section, tiny naturally occurring iron particles (iron sand) can accumulate on the switch during diving. After every dive, wash thoroughly in fresh running water to remove any such iron sand, as well as dirt and salt. The push button switch is designed to allow water to enter switch area. It is very important to flush salt water from chamber. Hold switch under flow of cool fresh water. Turn upside down and depress switch several times until no more water comes out. Repeat process 2-3 times to ensure that all salt water is flushed from compartment. Do not drop or place the flashlight on sand or dirt, since iron sand may stick or go into switch section.

HOW TO REPLACE THE BATTERIES



BODY



BATTERY CRADLE



SWITCH END CAP

- 1) Turn the switch end cap at the rear of the flashlight's body counter-clockwise and remove it.
- 2) Slide out battery cradle and remove depleted batteries.
- 3) Install (3) fresh AAA batteries into the cradle. Follow the +/- polarity as shown.
- 4) Clean by removing any sand or dirt from screw threads and O-rings on switch end cap and then apply a small amount of silicone grease on O-rings.
- 5) Also check and clean (if necessary) the screw threads inside flashlight body.
- 6) Slide the battery cradle back into the flashlight body, spring-end towards the flashlight head.
- 7) Once you have inserted the battery cradle, securely tighten the switch end cap back into place by turning clockwise.

SPECIFICATIONS

TUL-400MDR (wide beam)

- LED: CREE-XPG; 100,000 hour lifetime
- Battery: 3AAA
- Lumens: 165
- Beam angle: 50~60 degrees
- Magnetic tail switch: 100% - 30% - hold for strobe
- Burn time: 100% - 2 hours consecutive;
30% - 7 hours consecutive
- Waterproof to 400 feet / 122 meters
- Net weight: 5.82 +/- 0.35 oz, 165 +/- 10g
(without battery and hand strap)
- Dimensions: $\Phi(1.49 \times 5.12)$ inches / (3.8 x 13) cm
- Use environment: 0-40 C°

TUL-410MBL (concentrated beam)

- LED: CREE-XPG; 100,000 hour lifetime
- Battery: 3AAA
- Lumens: 220
- Beam angle: 5~6 degrees
- Magnetic tail switch: 100% - 30% - hold for strobe
- Burn time: 100% - 2 hours consecutive;
30% - 7 hours consecutive
- Waterproof to 400 feet / 122 meters
- Net weight: 5.82 +/- 0.35 oz, 165 +/- 10g
(without battery and hand strap)
- Dimensions: $\Phi(1.49 \times 5.12)$ inches / (3.8 x 13) cm
- Use environment: 0-40 C°