

MMF-1000

- Miniature LED strobe/flasher
- Visible from up to 5 nautical miles
- Submersible for up to 1 year
- Compact, self-contained submersible to 1,000m



TRACKING & MONITORING

NOVATECH™ products have been proven throughout the world's oceans and trusted around the globe for over 40 years.

The NOVATECH™ MMF-1000 is a small form-factor, lightweight, self-contained asset recovery strobe. Introduced as part of the new Mini-Flasher line, the MMF-1000 has been added to the NOVATECH™ family of asset recovery devices. This revolutionary design incorporates pure white LED technology that offers the user a range of configuration options for both flash rate, and intensity—that can be seen from up to 5 nautical miles.

Powered with Lithium, this miniature recovery aid is designed for one year ocean deployments, with enough power to flash from 6 days and upwards of 2.5 months at a low intensity at night once surface. The Mini-Flasher housing includes an integrated conductivity sensor that isolates the unit's power while submerged, and activates the device upon surfacing.



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TECHNICAL SPECIFICATIONS

PHYSICAL

- Diameter: 1.13" (29 mm)
- Height: 14.55" (370 mm)
- Mass in air (with batteries): 0.40kg (0.88 lb)
- Mass in water (with batteries): 0.23kg (0.50 lb)

CONSTRUCTION

- Hull material: Aluminum 6061-T6 with powder coat finish
- Cap material: Aluminum 6061-T6 with powder coat finish
- Lens material: Polycarbonate
- Color: International Orange

POWER

- Battery: 7x CR123A Lithium
- On/Off Control: Magnetic reed switch
- Flash Control: Dip switch
- Activation: Reed switch, Optional daylight sensing daytime power save mode

LIGHT

- LED: Pure White, 170 lm (2.3 W) or 235 lm (3.6 W), user configurable
- Visible Range: Up to 5 nautical miles
- Flash Rate Options: 1 to 3 bursts every 1, 2, 3, 4, 5, 10, 20, 30 seconds

OPERATIONAL

- Temperature: -40°C to 60°C
- Maximum Depth: 1,000 meters (3,280 ft)
- Operating Life: 6 days, double burst every 4 seconds, daylight off. 1 year underwater (Factory Settings 20°C)

STORAGE

- Temperature: -40°C to 85°C (-40°F to 185°F)
- Life: 10 years at 25°C, 90% capacity