

# MMF-7500

- Miniature LED strobe/flasher
- Visible from up to 5 nautical miles
- Submersible for up to 5 years
- Compact, self-contained submersible to 7,500m



TRACKING & MONITORING

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

The NOVATECH™ MMF-7500 is a deep rated, lightweight, small form-factor, self-contained asset recovery strobe. Introduced as part of the new Mini-Flasher line, the MMF-7500 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 5 year ocean deployments, with enough power to flash from 5 days to upwards of 2.5 months at low intensity at night once surfaced. 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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# MMF-7500

## TECHNICAL SPECIFICATIONS

### PHYSICAL

- Diameter: 1.14" (29 mm)
- Height: 15" (381 mm)
- Mass in air (with batteries): 0.66 kg (1.44 lb)
- Mass in water (with batteries): 0.44kg (0.96 lb)

### CONSTRUCTION

- Hull material: Titanium (Grade 2)
- Cap material: Titanium (Grade 5)
- Lens material: Polycarbonate / Epoxy
- Color: Natural

### POWER

- Battery: 7x CR123A Lithium
- On/Off Control: Magnetic reed switch
- Flash Control: Dip switch
- Activation: Surface sense (conductivity), 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 (-40° to +140°F)
- Maximum Depth: 7,500 m (24,600 ft)
- Operating Life: 5 days, double burst every 4 seconds, daylight on. 5 years underwater (Factory Settings 20°C)

### STORAGE

- Temperature: -40°C to 60°C (-40°F to 140°F)
- Life: 10 years at 25°C, 90% capacity