

NOVATECH

MMA-7500

MINIATURE ARGOS BEACON

Sub-sea deployable for up to two years

Visible via the Argos Satellite System

Self-contained Submersible to 7,500m



NOVATECH - PROVEN THROUGHOUT THE OCEANS

The MMA-7500 is a deep rated, small form-factor, self-contained Argos locator beacon. Introduced as part of the new Mini-beacon line, the MMA-7500 has been added to the NOVATECH family of asset recovery devices. The new digital circuit controller offers selectable preset frequency channels, along with a range of duty cycle options, resulting in a beacon that can be configured for a range of broadcast specifications.

Powered with Lithium, this miniature recovery aid is designed for long term ocean deployments (up to 2 years submerged). The Mini Beacon housing includes an integrated conductivity sensor that isolates the unit's power while submerged and activates the device upon surfacing.

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NOVATECH MMA-7500

MINIATURE ARGOS BEACON

Technical Specifications

Dimensions

Diameter	1.13" Maximum
Height	15.82"
Mass in air (with batteries)	0.69 kg / 1.51 lb
Mass in water (with batteries)	0.49 kg / 1.10 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
Argos Control	Dip Switch
Activation	Surface sense (conductivity) Optional tilt switch (accelerometer)

Transmitter

Output	From 500mW to 1 watt (voltage dependant)
Antenna Output Impedance:	50 ohms nominal
Channels	User selectable, 401.63 to 401.656 MHz

Programming Interface

Serial Interface:	TTL level 9600 baud (firmware bootloader standard)
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Operational

Temperature	-40°C to 60°C
Maximum Depth	7,500 meters
Operating Life	2 years underwater

Storage

Temperature	-40°C to 85°C
Life	10 years at 25°C, 90% capacity



Data collection and communication experts

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