

Extended range in a minimized package.

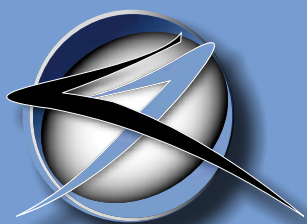
SELF-CONTAINED SUBMERSIBLE VHF BEACON

The XMB-1000 is an independently powered, self-contained RF beacon that is fully submersible to 1,000m (3,280 ft). This beacon has been designed to protect your valuable assets and make their recovery even easier. From the rust proof aluminum enclosure, marine grade powdercoat sensor, and miniturized design the XMB-1000 represents a huge step forward for submersible VHF beacons.

Key Features

- **Miniaturized design**
- **User settable Tx frequencies.**
- **Low power consumption for extended deployments**
- **Detectable from 12 kilometers**
- **Rugged powdercoat for extended operations**

The XMB-1000 is designed to meet or exceed your operational requirements for a ultra deepwater submersible beacon. All Xeos products are fully backed by a comprehensive warranty and excellent support. To arrange a demo or to learn more about our products please contact us at the numbers below.



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XMB-1000

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TECHNICAL SPECIFICATIONS*

XMB-1000 Specifications

Electrical

Battery Supply:

- 7 x CR123A lithium batteries

Operational

Lifetime:

- 20 days under normal conditions

ON/OFF Controls:*

- Switch on board (for storage and shipping)
- Reed Switch for activating without opening the case.
- Solid State tilt switch- for upright activation and deactivation

RF Technology

RF Beacon Output

- 100 mW

Output Signal

- 1 KHz Pulsed Tone

Frequency Range

- 151 MHz - 161 MHz (switchable)

Duty Cycle

- 13%, 2 sec transmission with a 4 sec pulse

Harmonics

- -40db

FCC/IC certification pending

Mechanical*

Dimensions:

- 37 cm L x 2.6 cm W (14.57" L x 1.05" W)

Weight:

- **252g** - in water; **397g** - out of water

Material:

- Aluminum 6061

Paint:

- Marine Grade Powdercoat

End Cap:

- Screw-off, O-Ring Sealed

Environmental

Operating

Temperature:

- - 40°C to + 60°C

Depth Rating:

- Submersible to 3,280ft (1,000m)

* subject to change



The XMB-1000 has been specifically designed to deliver operational superiority in virtually all applications, especially deep water applications.

Its dramatically small size, powerful RF transmitter, switchable frequency ranges and rugged enclosure make the XMB-1000 an obvious choice for deep water asset protection and recovery.

Who are we?

Xeos is a leading technology firm created by visionary engineers with a passion for excellence. Xeos prides itself on a pioneer mentality, always striving to create superior technological solutions to tracking and telemetry problems. For more information on our COTS and custom developments please contact us at the numbers below.

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