

Deep asset recovery just got easier

SELF-CONTAINED SUBMERSIBLE VHF BEACON

The XMB-7500 is an independently powered, self-contained RF beacon that is fully submersible to 7,500m (24,606 ft). This beacon has been designed to protect your valuable assets and make their recovery even easier. From the all titanium enclosure, the available remote head, to the solid state surface sensor the XMB-7500 represents a huge step forward for submersible VHF beacons.

Key Features

- Miniaturized design in an all Titanium enclosure
- User settable Tx frequencies
- Available remote head on 6' tether
- Solid state surface sensor
- Low power consumption for extended deployments
- Detectable from 12 kilometers

The XMB-7500 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-7500

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TECHNICAL SPECIFICATIONS*



The XMB-7500 is available with a remote head option, provide tremendous flexibility when installing. A flexible cable measuring 6' joins the remote beacon head to the main enclosure. The XMB-7500RH retains all the critical specifications of the original device including depth rating, power consumption and durability.

If you need extended installation capabilities then ask your Xeos representative today about the remote head option for the XMB-7500.

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.

XMB-7500 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 Technology¹

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

¹FCC/IC certification pending

Mechanical*

Dimensions:

- 38.2 cm L x 2.86 cm W (15.04" L x 1.12" W)

Weight:

- 431g - in water
- 644g - out of water

Material:

- All Titanium

Environmental

Operating

Temperature:

- - 40°C to + 60°C

Depth Rating:

- Submersible to 24,606ft (7,500m)

* subject to change

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