

# Deep asset recovery just got easier

## SELF-CONTAINED SUBMERSIBLE VHF BEACON

The XMB-11K is an independently powered, self-contained RF beacon that is fully submersible to 11,000 m (36,089 ft). The depth rating on this beacon will take you wherever you need to go under any ocean. This beacon has been designed to protect your valuable assets and make their recovery even easier. From the Grade 9 titanium and glass enclosure, the available remote head, to the solid state surface sensor, the XMB-11K represents a huge step forward for submersible VHF beacons.

### Key Features

- **Miniaturized design in a Grade 9 titanium and glass enclosure**
- **User settable transmit frequencies**
- **Available remote head on 6' tether**
- **Solid state surface sensor**
- **Low power consumption for extended deployments**
- **Detectable from 5+ Kilometers**

The XMB-11K is designed to exceed your operational requirements for an 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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## TECHNICAL SPECIFICATIONS\*



The XMB-11K 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-11KRH 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-11K.

### Who are we?

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

### Electrical

#### Battery Supply:

Standard, long tube: 6 AA alkaline batteries

Optional, long tube: 9 x CR123A lithium batteries

Optional, short tube: 7 x CR123A lithium batteries

### Operational

#### Lifetime:

>25 days at 1 sec burst, 10 sec cycle

(REED switch ON, Tilt Switch OFF, Water Sense ON)

### 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<sup>1</sup>

#### 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

### Mechanical\*

#### Standard Enclosure, long tube

##### Dimensions

43.66 cm L x 2.87 cm diam (17.13" L x 1.13" diam) without antenna

##### Weight

674g - in water, 943g - out of water

#### Optional Enclosure, short tube

##### Dimensions

38.2 cm L x 2.86 cm diam (15.04" L x 1.13" diam) without antenna

##### Weight

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

#### Material:

Grade 9 titanium with glass separator

### Environmental

#### Operating Temperature:

- 40°C to + 60°C

#### Depth Rating:

Submersible to 36,089 ft (11,000m)

\* Technical Specifications subject to change without notice.

