

# Superior deepwater performance at 7500m

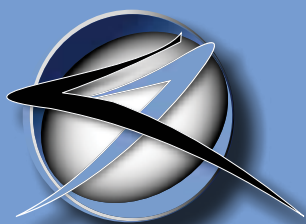
## SELF-CONTAINED SUBMERSIBLE LED FLASHER

The XMF-7500 is an independently powered, self-contained surface flasher that is fully submersible to 7,500m (24,606 ft). This flasher has been designed from the ground up to exceed your expectations. Our super-bright LED provides unparalleled visibility in even the worst conditions and the reliability provided by our solid state surface sensor is a significant improvement over mechanical methods. The XMF-7500 provides superior functionality in a miniturized package.

### Key Features

- Miniaturized design in a titanium enclosure
- Microprocessor controlled, **ultra-bright LED** available in multiple colour options
- Remote head with 6' tether available
- Long lasting operational life (60 days)
- Multiple activation options: Reed switch, dip switch & solid state tilt switch for "turtling" applications

The XMF-7500 is designed to meet or exceed your operational requirements for a ultra deepwater submersible flasher. 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.



## **Xeos** Technologies Inc *Data Telemetry Specialists*

Xeos Technologies Inc.  
2 Bluewater Road  
Bedford, NS, Canada  
B4B 1G7

Tel: 902.444.7650  
Fax: 902.444.7651  
sales@xeostech.com  
www.xeostech.com



# XMF-7500

# XMF-7500

## TECHNICAL SPECIFICATIONS\*



*The XMF-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 XMF-7500RH retains all the critical specifications of the original device including depth rating, power consumption and durability.*

### 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.

### XMF-7500 Specifications

#### Electrical

*Battery Supply:*

- 7 x CR123A lithium batteries

*Operational*

*Lifetime:*

- 14 days, double burst every 4 seconds while in daylight off
- Approximately 60 days, single burst every 10 seconds while in daylight off (default settings)

*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

*\* All options are switchable on the PCB*

*Flash Options*

- 1, 2 or 3 flashes
- 10 optional timer settings (1 - 30 seconds)

#### LED Technology

*LED*

*Luminous Flux*

- 3.9 watts, single emitter type
- Amber - 100 lumens (100 lm)
- White - 70 lumens (70 lm)

#### Mechanical

*Dimensions:*

*Weight:*

*Material:*

*End Cap:*

*Lens:*

- 38.2 cm L x 2.86 cm W (15.04" L x 1.12" W)
- 431g - in water
- 644g - out of water
- All Titanium
- Screw-off, O-Ring Sealed
- Polycarbonate

#### Environmental

*Operating*

*Temperature:*

*Depth Rating:*

- - 40°C to + 60°C
- Submersible to 24,606ft (7,500m)

