

# Superior deepwater performance AT 11,000M

## SELF-CONTAINED SUBMERSIBLE LED FLASHER

The XMF-11K is an independently powered, self-contained surface flasher 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 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-11K provides superior functionality in a miniaturized package.

### Key Features

- Miniaturized design in a Grade 9 Titanium and glass enclosure
- Microprocessor controlled, ultra-bright LED available in multiple colour options
- Long lasting operational life (60 days)
- Multiple activation options: Reed switch, tilt switch for "turtling" applications and solid state surface sensor switch

The XMF-11K is designed to 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 number below.



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# XMF-11K

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## TECHNICAL SPECIFICATIONS\*



The XMF-11K has been specifically designed to deliver operational superiority in virtually all applications, especially deep water applications.

Its dramatically small size, powerful flasher, solid state surface sensor and enhanced operational features, make the XMF-11K a step ahead of traditional flasher products.



Remote head  
Option available

### 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

	Standard, long tube: 6 AA alkaline batteries
<i>Battery Supply</i>	Optional, long tube: 9 x CR123 A lithium batteries Optional, short tube: 7 x CR123 A lithium batteries
	12 days, single burst at 2 sec interval, light sensor off
<i>Operational Lifetime</i>	60 days single burst at 10 sec interval, light sensor off (Assumes submerged time of 365 days)
	Reed Switch for activating without opening the case
<i>ON/OFF Controls*</i>	Solid State tilt switch for upright activation and deactivation * All options are switchable on the PCB
<i>Flash Options</i>	1, 2 or 3 flashes, 10 optional timer settings (1 - 30 seconds)

### LED Technology

<i>LED</i>	3.9W, single emitter type
	White - 70 lumens (70 lm)
<i>Luminous Flux</i>	Cyan - 110 lumens (110lm) Amber - 100 lumens (100 lm)

### Mechanical

<i>Standard Enclosure: Long Tube</i>	Dimensions: 44.17 cm L x 2.87 cm diam (17.39" L x 1.13" diam) Weight: 637g in water, 918g out of water
<i>Optional Enclosure: Short Tube</i>	Dimensions: 37.4 cm L x 2.87 cm diam (14.7" L x 1.13" diam) Weight: 431g in water, 644g out of water
<i>Material</i>	Grade 9 Titanium
<i>End Cap</i>	Screw-off, O-Ring Sealed
<i>Lens</i>	Glass

### Environmental

<i>Operating Temperature</i>	-40°C to +60°C
<i>Depth Rating</i>	Submersible to 36,089 ft (11,000m)

\*Technical Specifications subject to change without notice.

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