

DK120 – Underwater Acoustic Beacon

FEATURES

- Extended useful life with 6 years battery life
- Designed to provide outstanding performance and reliability
- Utilizes improved low voltage technology
- Single cell, non-hazardous battery
- UL recognition, Solid cathode chemistry battery
- Less active, more stable chemistry
- High tolerance for rough handling
- Manufactured to high quality design and test standards
- Operational in water up to 20,000 feet
- Sealed Unit



Beacon Specifications

Operating Frequency:	37.5 kHz \pm 1 kHz
Operating Depth:	Surface to 20,000 feet (6096 meters)
Pulse Length:	9.0 milliseconds Minimum
Pulse Repetition Rate:	0.9 Pulse/Sec.
Operating Life:	30 Days (Minimum).
Battery Life In Beacon:	6 Years
Acoustic Output, Initial:	1060 dynes/cm ² Rms pressure at 1 meter (160.5dB)
Acoustic Output After 90 Days:	700 dynes/cm ² Rms pressure at 1 meter (157.0dB)
Operating Temperature Range:	+28°F (-2.2°C) to +100°F (+37.8°C)
Actuation:	Fresh or salt water
Radiation Pattern:	Rated output over 80 percent of sphere
Size:	1.30 inch (3.30 cm) dia x 3.99 inch (10.13 cm) long (less mount)
Weight, Beacon:	6.7 ounces (190 grams)
Storage Temperature Range:	-67°F (-55°C) to 185°F (85°C)
Battery:	Replaceable