

## CR-30-40 Hydrophone



### Description

The CR-30-40 is an encapsulated active ceramic hydrophone designed for the researcher. High quality ceramic with sound-transparent rubber encapsulant provides excellent sensitivity and wide band (up to 30kHz). The Ultra-low noise, high impedance preamplifier provides signal conditioning.

### USES:

- Cetaceans research.
- Underwater Film making.
- Dolphin and whale watching boats.
- Multimedia

### FEATURES:

- Stainless steel
- Wide frequency range
- 40dB inbuilt FET preamplifier
- RF shielded
- Robust construction
- High quality shielded cable

### SPECIFICATIONS:

- Frequency range : 7Hz to 30KHz
- Ceramic resonant frequency: >70KHz
- Sensitivity: -165 dB  $\pm$ 5dB re 1V/mPa
- Directivity Horizontal: Omni-directional  $\pm$  3dB at 1KHz
- Vertical: 260°  $\pm$  6dB at 1kHz
  
- Supply voltage: 12 to 24 volts DC
- Supply Current: 10 mA
- Operating depth: 400 meter
- Operating temperature: -1°C to 55°C
- Dimensions: 140mm x 19mm (Cable not included)
- Cable: 2 core & shield

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