

Aquaeear CR-20-40 Hydrophone



Description

The Aquaeear *CR-20-40* 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 20kHz). 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 20KHz
- 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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