

Product Data

CR-80-40 Hydrophone

Description

The CR-80 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 80kHz). 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
- 27dB inbuilt FET preamplifier
- RF shielded
- Robust construction
- High quality shielded cable

SPECIFICATIONS:

Frequency range :
7Hz to 80KHz

Operating depth:
400 meter

Ceramic resonant frequency:
>200Khz

Operating temperature
-1°C to 55°C

Sensitivity: (typical)
-166 dB ±5dB re 1V/uPa

Dimensions
140mm x 19mm
(Cable not included)

Directivity
Horizontal:
Omni-directional
+/- 3dB at 1Khz
Vertical:
260° +/- 6dB at 1kHz

Cable
2 core & shield

Supply voltage:
12 to 24 volts DC

Supply Current:
10 mA



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