

Product Data

Aquaear Hydrophone MKII©

Description

The *Aquaear* is an encapsulated active ceramic hydrophone designed for boats operators. High quality ceramic with sound-transparent rubber encapsulant provides excellent sensitivity and wide band clarity. The low noise, high impedance preamplifier provides signal conditioning.

USES:

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

FEATURES:

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

SPECIFICATIONS:

Frequency range :
10Hz to 25KHz

Ceramic resonant frequency:
38Khz

Sensitivity: @3Khz
-164 dB \pm 5 dB re 1V/uPa

Directivity

Horizontal:

Omni-directional

+/- 1dB at 1Khz

Vertical:

260° +/- 2dB at 1kHz

Supply voltage:
12 to 24 volts DC

Supply Current:
10 mA

Operating depth:
100 meter

Operating temperature
-1°C to 55°C

Dimensions
140mm x 32mm
(Cable not included)

Cable
2 core & shield



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