



M5-360

The M5-360 is a medium frequency omni-directional hydrophone designed for marine observation. It comes with a pre-amplified output of 0 to 35 dB (selectable on order) with current or voltage signalling.



Characteristics

| | |
|--|---|
| Nominal Voltage Sensitivity (without preamp) | -195 dBV re 1 μ Pa @ 20°C |
| Size | 7.8" length, 1.3" max OD |
| Depth Rating | 1700 m |
| Storage and Operating Temperatures | -40 to +70°C |
| Labelling | Calibration parameters, serial number, date |
| Connector | MCBH-8M |

Pre-Amplifier

| | |
|-------------------|---|
| Preamp signalling | Current or voltage (selectable on order) |
| Gain | 0 – 35 dB (selectable on order) |
| Input Voltage | 6.8 VDC nominal 4.5 – 30 VDC operating range |
| Band Pass | 5 Hz HPF, no LPF installed (unless otherwise specified) |
| IRN | <30 nV/ $\sqrt{\text{Hz}}$ @10 Hz <4 nV/ $\sqrt{\text{Hz}}$ @1 kHz |
| Current Draw | 1.3 mA (at 6.8 VDC) 4.2 mA with current signalling preamp |



M5 Frequency Response (without preamp)

