

# **GeoSpectrum Technologies Inc.**Customizing Detection

#### 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 μPa @ 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/√Hz @10 Hz <4 nV/√Hz @1 kHz
Current Draw	<ul><li>1.3 mA (at 6.8 VDC)</li><li>4.2 mA with current signalling preamp</li></ul>

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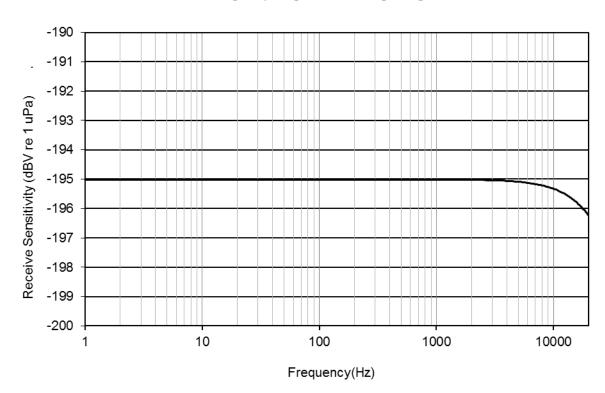
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#### **M5 Frequency Response (without preamp)**



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