

MP-24 Hydrophone



Industry Standard Hydrophone

- High output
- Minimal sensitivity change with depth
- Acceleration noise canceling configuration
- Easy method to check polarity

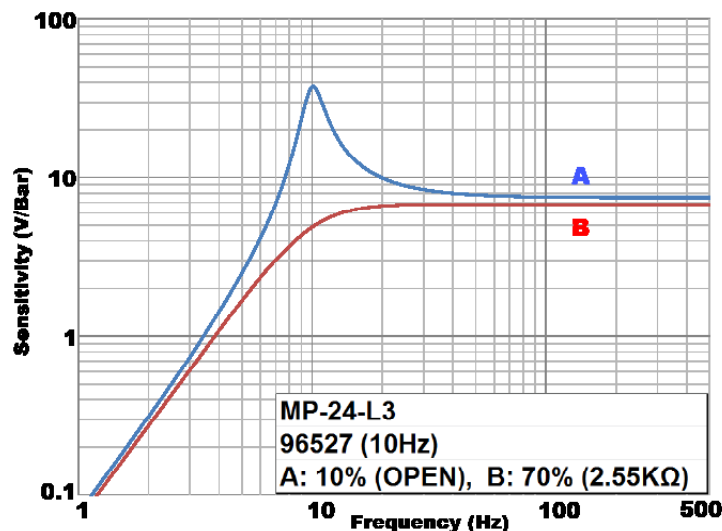
MP-24 Hydrophone

A high-output, pressure sensitive detector for use in swamps, rivers, bays, and transition zones. Several different natural frequencies and sensitivities are available for easy combination with geophone sensors.

The MP-24 is transformer-coupled and has four piezoelectric crystals connected in an acceleration-cancelling arrangement with each crystal operating in the high-sensitivity bender mode. The crystals and transformer are permanently molded in a durable polyurethane case. This sealed unit has a thermoplastic resin outer case with easy access ports for polarity testing.

DIMENSIONS	
Length	13.26 cm (5.22 in.)
Diameter	5.72 cm (2.25 in.)
Weight	369 g (0.8 lbs.)
PHYSICAL SPECIFICATIONS	
Operational Depth	0.3–76.2 m (1–250 ft.)
Operating Temperature	0–35° C (32–95° F)
ELECTRICAL SPECIFICATIONS	
	@25°C
Natural Frequency	10 Hz *
Voltage Sensitivity	7.5 Volts/bar
Impedance, typical at 250 Hz	250 Ω
DC Resistance	160 Ω

* Other frequencies available.



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