

# MP-25 HYDROPHONE



## Higher Sensitivity and Greater Depth of Operation

- High output
- Acceleration noise canceling configuration
- Easy method to check polarity
- Full one-year warranty

# MP-25

The MP-25 is a high-output, pressure sensitive detector for use in swamps, rivers, bays, and transition zones.

The MP-25 is transformer-coupled, and has eight 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. The Sidewinder version does not have the outer case.

The MP-25 Sidewinder version is designed for easy mounting to bay cable, and reduction of leader cable stress. Its tapered design positions the leader flush with the cable, thereby greatly reducing the friction in this area as the hydrophone travels through the squirter.

Anchor slots are provided for tie-wrapping the cable to the bay cable, thus facilitating the process of taping the unit to the cable.

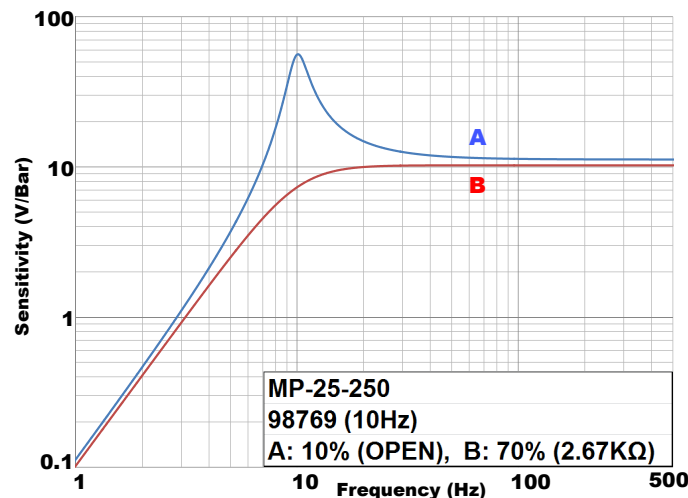
DIMENSIONS	w/o Outer Case	w/ Outer Case	Sidewinder
<b>Length</b>	12.07 cm (4.75 in.)	13.97 cm (5.50 in.)	16.76 cm (6.60 in.)
<b>Diameter</b>	5.08 cm (2.00 in.)	6.10 cm (2.40 in.)	5.08 cm (2.00 in.)
<b>Weight</b>	236 g (0.52 lbs.)	349 g (0.77 lbs.)	263 g (0.58 lbs.)

PHYSICAL SPECIFICATIONS	MP-25-250
<b>Operating Temperature</b>	0–35° C (32–95° F)
<b>Operational Depth</b>	76.2 m (1–250 ft.) <sup>§</sup>

ELECTRICAL SPECIFICATIONS	MP-25-250
<b>Natural Frequency</b>	10 Hz *
<b>Voltage Sensitivity</b>	11.2 Volts/bar
<b>Impedance</b>	250 Ω
<b>DC Resistance</b>	160 Ω

<sup>§</sup> Other operational depths available. \* Other frequencies available.

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