

# M260



## Setting the In-Hull Standard

It's true! Excellent performance can be achieved from an in-hull mounted transducer. The M260, Airmar's 1 kW in-hull, is designed with Airmar's exclusive Broadband Ceramic Technology. The 200 kHz element provides broadband performance resulting in higher-resolution without sacrificing sensitivity. Combined with a seven-element 50 kHz array, this in-hull has excellent deep-water detection. Because the M260 has narrow beams at both frequencies, separation of individual targets and the ability to distinguish between fish and the bottom makes finding fish easy.

## All-Out Fishfinding Performance!

Optimal fishfinder performance no longer requires drilling a hole in the hull! The M260 is able to transmit and receive through solid fiberglass, displaying sharp detailed images. Track the bottom at speeds exceeding 30 knots (34 MPH)! Installation simply requires adhering the tank to the inside of the vessel, leaving a clean and smooth hull exterior!

## 1 kW, High-Definition Digital Broadband

In-Hull Transducer

### Fishing Applications

- Blue-water trolling using 50 kHz
- Deep-water bottom and wreck fishing up to 800 m (2,625')

### Features

- Top-of-the-line broadband, in-hull transducer
- Recommended for solid fiberglass hulls
- Depth only
- Innovative tank design allows for bow-stern or port-starboard mounting
- Non-toxic anti-freeze (propylene glycol) is used to fill the tank
- Fiberglass resin is used to adhere tank to the hull
- Interfaces to any 600 W or 1 kW echosounder
- Boat Size: 8 m (25') and up





*Sensing Technology*

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## Technical Information

50 kHz-AE / 200 kHz-BH		
<b>Number of Elements and Configuration</b>		
<b>Beamwidth (@-3 dB)</b>	19°	6°
<b>RMS Power (W)</b>	1 kW	1 kW
<b>TVR</b>	162 dB	175 dB
<b>RVR</b>	-173 dB	-183 dB
<b>FOM*</b>	-14	-10
<b>Q</b>	8	8
<b>Impedance</b>	250 Ω	90 Ω

\*Does not calculate losses through the hull.

MAXIMUM DEPTH RANGE	
50 kHz	200 kHz
529 m to 735 m (1,800' to 2,500')	206 m to 294 m (700' to 1,000')

BEAM DIAMETER VS DEPTH		
Depth	50 kHz	200 kHz
9 m (30')	3 m (10')	0.9 m (3')
30 m (100')	10 m (34')	3.3 m (11')
122 m (400')	41 m (134')	13 m (42')
305 m (1,000')	102 m (335')	32 m (105')

TRANSDUCER COMPARISON			
Model	Power	Rating	Performance Increase
P79	600 W	Good	Benchmark model for comparison
<b>M260</b>	<b>1 kW</b>	<b>Best</b>	<b>50 times more sensitive at 50 kHz</b> <b>13 times more sensitive at 200 kHz</b>
R199	2 kW	Superb	200 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz
R299 R399	3 kW	Ultimate	400 times more sensitive at 50 kHz 32 times more sensitive at 200 kHz

### SPECIFICATIONS

**Weight:** 6.2 kg (13.5 lb)

**Hull Deadrise:** 0° to 30°

**Acoustic Window:** Layered plastic urethane

### DIMENSIONS

