



## Setting the In-Hull Standard

It's true! Excellent performance can be achieved from an in-hull mounted transducer. The M260 is designed with a 200 kHz element, which provides 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!

# In-Hull **1 kW**

#### **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



# **Technical Information**

50 kHz-AE / 200 kHz-BH				
Number of Elements and Configuration	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	$\bigcirc$		
Beamwidth (@-3 dB)	19°	6°		
RMS Power (W)	1 kW	1 kW		
TVR	162 dB	175 dB		
RVR	-173 dB	-183 dB		
FOM*	-14 dB	-10 dB		
٥	8	8		
Impedance	250 Ω	90 Ω		

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\*Does not calculate losses through the hull.

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

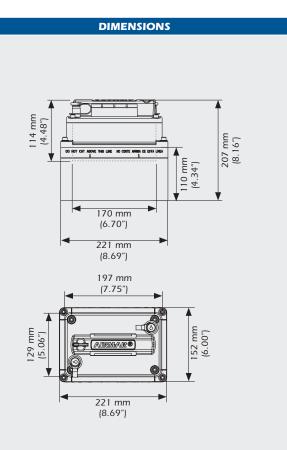
BEAM DIAMETER VS DEPTH					
Depth	50 kHz	200 kHz			
9 m (30′)	3 m (10′)	0.9 m (3′)			
30 m (100′)	10 m (34′)	3.3 m (11′)			
122 m (400′)	41 m (134′)	13 m (42′)			
305 m (1,000′)	102 m (335′)	32 m (105′)			

TRANSDUCER COMPARISON				
Model	Power	Rating	Performance Increase	
P79	600 W	Good	Benchmark model for comparison	
M260	1 kW/	Best	50 times more sensitive at 50 kHz 13 times more sensitive at 200 kHz	
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



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