



Professional Series In-Hull

R299

The Broadband R299 is radically different. It operates at ANY frequency between 33 to 60 kHz and 130 to 210 kHz. Adjusting the frequency allows you to change the R299's beamwidth and depth capabilities. For example the narrow high-frequency beam will display extreme bottom detail and fish holding tight to structure. The wider, low-frequency beam will not only give deep-water bottom detail, but more importantly show you more of what is around your vessel—including bait which may attract game fish.

Features:

- Only transducer on the market that can operate at both 38 or 50 kHz
- Transducer can be easily removed from tank for service
- In-hull mounting eliminates cavitation and turbulence under the transducer's face resulting in precise readings—even at boat speeds above 30 knots (34 MPH)
- Included in-hull mounting tank is easily cut to the vessel's deadrise angle assuring sound waves are vertically oriented for optimal sounder performance

Performance:

	33/60 kHz-A	130/210 kHz-BRlq		
Target Resolution	Superb	Superb		
Bottom Definition	Superb	Superb		
Maximum Depth Range	735 m to 1,176 m (2,500' to 4,000')	235 m to 353 m (800' to 1,200')		



Frequencies:	Beam Width: (@-3dB)	Rated RMS Power: (W)	Figure of Merit: (dB)	Q:
33/60 kHz-A	See*	3 kW	-7	2
130/210 kHz-BRlq	See*	2 kW	-12	2
Acoustic Window:	Epoxy			
Weight:	24.8 kg (54.8 lb)			
Hull Deadrise Angle:	0° to 25°			
*38 kHz	9° x 15°			
*50 kHz	7° x 13°			
*60 kHz	6° x 11°			
*140 kHz	7°			
*170 kHz	6°			
*200 kHz	5°			

Also see:

M260, R99, R199, R299, R399



Professional Series In-Hull

R299

Applications:

- Mid-sized to large sport fishing boats
- In-hull installation over solid fiberglass only
- Small to mid-sized fiberglass commercial fishing boats

Notes:

- Non-toxic antifreeze (propylene glycol) should be used to fill mounting tank
- "Wet box" design enhances performance over epoxied in-hull installations

Options:



- External speed/temperature sensor

Parts & Accessories:



In-Hull Mounting Kit:
33-453-01 rev01



Hardware:
20-356-02



Tank:
20-586-01

