



Sensing Technology

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**AIRMAR INTRODUCES NEW R299 TRANSDUCER —
THE ULTIMATE IN-HULL SOLUTION FOR LARGE SPORTFISHING VESSELS**

Combined Advantages of In-Hull Design with Broadband 2 to 3kW Performance

Airmar Technology Corp. recently launched its new R299 — the ultimate in-hull transducer for captains of large, fiberglass-hulled sportfishing yachts who want to maximize sounder performance and find more fish – inshore, offshore and anywhere in between. This new Broadband product is the only sportfishing transducer on the market that can operate at nearly all of the high-end fishfinder operating frequencies.

Rated at 3kW in the low-frequency range (33 kHz to 60 kHz) and 2kW in the high-frequency range (130 kHz to 210 kHz), this transducer delivers super low “ringing” for the highest possible discrimination between closely spaced fish targets. The R299’s Broadband Technology allows it to operate at ANY frequency between 33 kHz and 60kHz (low) and 130 kHz to 210 kHz (high), meaning the frequency can be adjusted by the user to alter the R299’s beamwidth and depth capabilities to best suit the fishing conditions or situation. The higher frequencies will transmit a narrow beam, increase echo definition and provide better performance at high boat speeds. The low frequencies will widen the beamwidth and increase depth capability. For anglers bottom fishing in 200 feet of water, a narrow 200 kHz high-frequency beam will display extreme bottom detail and fish holding tight to structure. When targeting tuna or billfish offshore, a wider low frequency beam will not only give deep-water bottom detail, but also show more fish and bait schools around the vessel. If the echosounder is “tunable”, users can dial the frequency up or down a few kHz if there are boats fishing nearby, thus eliminating interference from other transducers operating at “traditional” frequencies such as 50 and 200 kHz. By covering a continuous frequency spectrum, the R299 can optimize fish finding performance with these next generation of “tunable” sounders — making it a wise marine electronics investment today and tomorrow.

With their inherent design advantages (no holes to drill, no cavitation and improved sounder performance at speed), in-hull transducers are growing in popularity with builders and owners of high-end sportfishing yachts 40 feet and up. This powerful transducer takes in-hull performance to a new level, providing a perfect match for the world’s most powerful color sounders and the most demanding sportfishing captains. In addition, Airmar’s exclusive Transducer ID™ feature uses an embedded microcontroller that transmits important transducer data to the echo sounder, which optimizes performance and makes the transducer and sounder run as a precisely tuned system.

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Airmar's R299 is the only in-hull transducer capable of operating at both 38 kHz and 50 kHz — popular low frequencies for professional-grade sounders. For fisherman needing lower frequencies such as 28 kHz, a R399 model is available. This unit has the same form and function as the R299, but operates at any frequency between 25 kHz to 45 kHz (low) and from 130 kHz to 210 kHz (high). Both the R299 and R399 are designed for easy installation inside the vessel's hull, shooting their powerful beam through virtually any thickness of solid fiberglass. The innovative mounting tank (designed to be filled with non-toxic propylene glycol) can be easily customized to provide vertical beam orientation regardless of hull deadrise angle.

For more information about these ultimate in-hull transducers for high-end sport fishing yachts — or any of the company's industry leading line of transducers and marine sensors — contact Airmar Technology Corp. at 35 Meadowbrook Drive, Milford, NH 03055. Telephone: 603.673.9570. Or visit online at www.airmar.com.

Price & Availability

Estimated Retail Price- \$2,995

Available- July 2007

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High-Resolution Image Available- email ron@strike-zone.net