



*Sensing Technology*

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## **NEW AIRMAR R209 TRANSDUCER DELIVERS SUPERIOR POWER AND PERFORMANCE FOR HIGH-END SPORTFISHING AND COMMERCIAL BOATS**

### **Broadband 2 to 3kW Design Provides Frequency Agility for Versatile Performance**

The new-for-2007 R209 from Airmar Technology Corp. is the most technologically advanced transducer the company has ever built for the high-end sport fishing and commercial fishing markets. 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 thru-hull transducer is a perfect match for the most powerful color echo sounders from top manufacturers.

Its high-performance construction, coupled with advanced features like Transducer ID™ and Broadband Technology, allow the R209 to effectively track bottom in more than 4,000 feet (1,219m) of water. The R209 also excels at separating bait fish as individual closely-spaced targets, helping captains better determine their quarry and position themselves for success.

The R209 takes “frequency agility” to new levels, further improving performance under a range of conditions and applications. Thanks to its Broadband Technology, this transducer can operate at ANY frequency between 33 kHz to 60 kHz (low) and from 130 kHz to 210 kHz (high). Adjusting the frequency (with current and next generation “tunable” sounders) allows the operator to change the R209’s beamwidth and depth capabilities. For example, when bottom fishing in 200 feet of water, a narrow high-frequency beam will display the bottom with extreme detail and pinpoint fish holding tight to structure. When marlin or tuna fishing in deep waters, a wider low-frequency beam will not only give better deep-water bottom detail, but will also show more of what is around your vessel. This includes bait schools that play an important role in attracting pelagic game fish.

Airmar’s R209 is the only transducer on the market that can operate at both 38 kHz and 50 kHz, which are popular low frequencies for commercial-grade sounders. For fisherman needing lower frequencies such as 28 kHz, a R309 model is available. This unit has the same form and function as its brother, the R209, but operates at ANY frequency between 25 kHz to 45 kHz (low) and from 130 kHz to 210 kHz (high). These top performers in the Airmar line are both built with an array of 24 low-frequency ceramic elements and one extra-large high-frequency element.

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## **Airmar R209/Page Two**

A high-precision water-temperature sensor provides accurate sea surface temperature readings and quickly indicates even small fluctuations — critical to fishing success when tournament angling or making a living on the water. Both the R209 and 309 include a High-Performance fairing and stainless steel stuffing tube, and are best used on sport fishing and commercial vessels 40 feet and up with hull deadrise angles from zero to 25 degrees.

For more information about these new professional-grade thru-hull transducers for high-end sport and commercial fishing applications — or any of the company's advanced 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](http://www.airmar.com).

### **Price & Availability**

**Estimated Retail Price- \$2,995**

**Available- April 2007**

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**High-Resolution Image Available- email [ron@strike-zone.net](mailto:ron@strike-zone.net)**