

April/May 2007

The **S**OUNDER



Welcome

The **Sounder** is Airmar's bi-monthly newsletter that presents our newest innovative products, offers hands-on installation tips, explains our quality features, and acquaints OEMs, installers and the press with our company's resources.

April 2007 Features

- New WeatherCaster software and WeatherStation installation tip
- New R209 thru-hull transducer
- Airmar supporting Boating Writers International

If you know someone who would like to receive this informative newsletter, or if you would like to unsubscribe, please email mreedenaer@airmar.com.

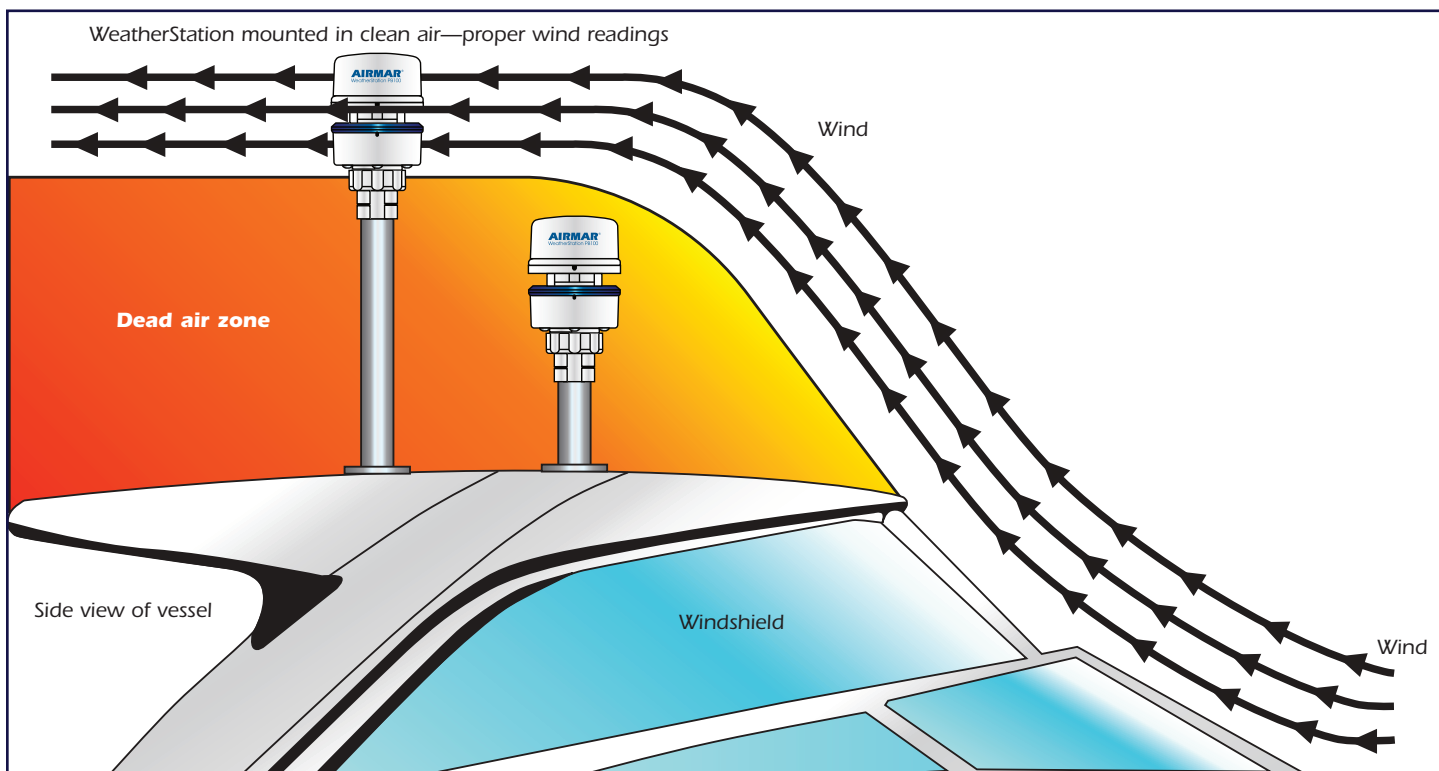
WeatherCaster Software

WeatherCaster version 2.014 now available for download.
For details visit www.airmar.com.



WeatherStation Installation Tip

The illustration below shows how mounting the WeatherStation in “dead air” can affect wind readings. If the sensor is mounted low and far forward on a vessel’s hardtop, the wind may travel up the windshield and over the sensor itself, resulting in low wind readings. If you are installing a WeatherStation on a hardtop, make sure that the sensor is mounted outside of the potential “dead air” zone.



New R209 Transducer

Allows YOU to choose the frequencies for YOUR type of Fishing

The R209 is the most technologically advanced transducer Airmar has ever built for the high-end sport fishing and commercial fishing markets. Rated at 3 kW in the low-frequency range (33 kHz to 60 kHz) and 2 kW 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 (61 m) 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 excellent 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.

The R209 is the only transducer on the market that can operate at both 38 kHz or 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 multiple low-frequency ceramic elements and one extra-large high-frequency element.

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 (12 m) and up with hull deadrise angles from zero to 25 degrees.



R209

Airmar Awards Trophies and Cash to Top Industry Writers

Airmar had the opportunity at the 2007 Miami International Boat Show to recognize some of the best boating writers in the marine industry. For the third consecutive year, we sponsored the Gear, Electronics and Product Tests category in the Boating Writers International (BWI) Annual Writing Contest.

The presentation of awards is always a highlight for the hundreds of top marine journalists who attend the show. The winners of the various writing categories were honored at the annual breakfast meeting and received their plaques and \$1,000 in cash awards for each category (\$500 for first place, \$300 for second place and \$200 for third place). Articles

are submitted by the writer or publication and are judged by a panel of their peers on a wide-range of criteria. This year's contest featured the addition of a 15th category and judged a total of almost 600 entries from around the world.

The winners in Airmar's category were: 1st Place, "Heads, You Win" by Eric Colby in Speedboat Magazine; 2nd Place, "Holding Power" by Bill Springer in Sail and 3rd Place, "Full Speed Ahead" by John Page Williams in Chesapeake Bay.

Airmar is proud to be affiliated with BWI and considers it an honor and a privilege to recognize the world's best boating journalists. So much of what boaters learn about the marine industry comes from what they read in magazines, newspapers and on the Internet. This is especially true when it comes to technical subjects like marine electronics. It takes strong writing skills and a commitment to excellent journalism to keep boaters educated, entertained and informed.
