

RELEASE NOTES

AARC510

Adaptive Aeromagnetic Real-Time Compensator

Host Firmware Release RMS11031-03-G

These release notes contain important information about the new firmware and how it will affect the performance of instruments in which it is installed. The notes outline functional enhancements, adaptive changes and, if applicable, problem corrections.

Please read this documentation carefully. References to pertinent sections in the product's user's guide are shown in square brackets.

FULL Compatibility:*

(D)AARC500 Front End Firmware: ≥ RMS1877-05-C

HW Revision: ≥ 2.20

(D)AARC5XX Support Software: ≥ Jul/2024

*[*] To assess partial compatibility with other releases, or for non-active products, refer to Application Note DAARC5XX-035 – (D)AARC5XX Compatibility Chart:
<http://www.rmsinst.com/servicesupport/releasenotes/Compatibility%20Chart.pdf>*

1. Added custom-device support for enhanced real-time monitoring for radar altimeters with ARINC-429 output, interfaced to via RTX adapter and suitable RS232/Ethernet converter.
[Appendix G.1.4, Appendix N]
2. Additional feedback is now provided upon termination of *adaptive mode*: in addition to a comprehensive tabular summary of the changes in performance statistics, a measure of the overall merit of the adaptation process is encoded in the background color of the ADAPT button.
[Section 3.5.2.1]
3. Simplified the restoring of successful adaptive solutions.
[Appendix E, Section 3.5.2.1]
4. The selection of 4-trace-mode or 8-trace-mode for the real-time graphic display is now stored as part of the configuration file.
[Section 3.4.5]
5. Minor / cosmetic: Added separators in the *custom numerical display* to emphasize cells which may be used to monitor quality-control signals.
[Section 3.4.5]