

RELEASE NOTES

AARC51

Adaptive Aeromagnetic Real-Time Compensator

Host Firmware Release RMS11093-02-E

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: ≥ 3.10

(D)AARC5XX Support Software: ≥ Oct/2023

[] To assess partial compatibility with other releases, or for non-active products, request Application Note DAARC5XX-035 – (D)AARC5XX Compatibility Chart.*

1. Increased (2X) the number of waveforms that may be monitored in real-time through the graphic display function. Waveforms can now be paired in each of four recording areas – overlapping traces are very useful, for example, to compare compensated and uncompensated signals.

[Sec. 3.4.5]

2. The firmware now includes an embedded mechanism to automatically install a customized version of one of the Front-End transfer functions available to target specific installation requirements ('Custom1').

[Application Note DAARC5XX-032]

3. Parameters for the 'Custom2' Front-End transfer function are now included in the log file.