

RELEASE NOTES

(D)AARC5XX Series

Front End Firmware Release RMS1877-06-A

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.

<i>FULL* Compatibility:</i>	<i>Host Firmware</i>	<i>Hardware Rev.</i>	<i>Support Software</i>
<i>DAARC500 (Gen2)</i>	<i>≥ RMS11030-05-A</i>	<i>≥ 2.10</i>	<i>≥ Apr/2026</i>
<i>AARC510</i>	<i>≥ RMS11031-04-A</i>	<i>≥ 2.20</i>	<i>≥ Apr/2026</i>
<i>AARC52</i>	<i>≥ RMS11122-04-A</i>	<i>≥ 3.20</i>	<i>≥ Apr/2026</i>
<i>DAS52</i>	<i>≥ RMS11164-02-A</i>	<i>≥ 3.20</i>	<i>≥ Apr/2026</i>

[*] 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. In addition to doing so at power-up, the Front End now also monitors internal temperature at a critical test point post-power-up (at least 20 minutes after power-up, every time a run mode is started and at any other opportunity not interfering with real-time tasks). Measurements are checked against the specified operating range, taking into account normal internal heat build-up, and a unique warning is issued if out of range. The warning is reflected on the error indicator on the main dialog (top-right corner), as well as in the event-tags field included in all recorded and/or transmitted data packets.

[Sec. 5.3.2]