

RELEASE NOTES

(D)AARC5XX Series

Front End Firmware Release RMS1877-04-C

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.

Compatibility:	Host Firmware Required
DAARC500 (Gen2)	≥ RMS11030-03-B
AARC500 (Gen-2)	≥ RMS11029-03-B
AARC510	≥ RMS11031-02-B
DAS500	≥ RMS11035-03-A
AARC51	≥ RMS11093-01-A
DAARC500 (Gen-1)	N/A
AARC500 (Gen-1)	N/A

1. The new firmware provides auxiliary GPS information (if available) together with the conventional unit identification data: number of satellites, HDOP, undulation, age of differential, and quality indicator.
*[User's Guides: DAARC500 / DAS500: Sec. 3.4.11;
AARC500: Sec. 3.4.6;
AARC510 / AARC51: Sec. 3.4.7]*
2. If a system with an embedded 628-type (or OEMV-2) GPS receiver will be used in external mode, it is no longer necessary to change internal switch SW2 on the GPS Transition Board from OPEN to CLOSED. It suffices with setting the GPS type parameter to 'external' in the user interface.
[User's Guides: Sec. 4.1.5.1]
3. Implemented a more robust scheme for the starting of GPS data acquisition upon re-entering on-line state. (Transparent to the user.)