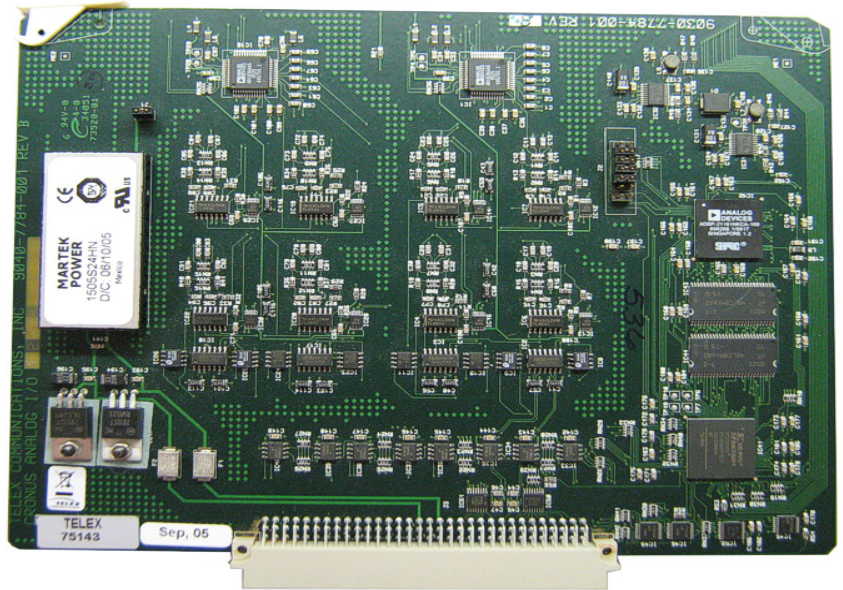


Cronus AI/O Card

Cronus AI/O Card Kit

The RTS Cronus AIO Card introduces all the functionality of an AIO-8 card for ADAM to the Cronus intercom system. One (1) card provides eight (8) ports of audio in and audio out. When coupled with three (3) other Cronus AIO-8 cards a total of 32 ports are available. In turn, a fully loaded Cronus, four (4) cards installed, can interface with up to three (3) other Cronus systems for a total of 128 ports.



Features

- Advanced **DSP** (Digital Signal Processing) designed to support audio signal processing.
- The Cronus card has two (2) optional backcards, an RJ-12 connector or an MDR connector to fit any installation environment.
- The Cronus cards are hot swappable to allow live insertion into any slot in the Cronus frame.

Specifications

Analog Input And Outputs

Signal Type: Balanced

Nominal Level: 8dBu

Maximum Level: 20dBu

Input Impedance: 22k Ω

Output Impedance: 600W

A/D and D/A

Sampling Rate: 48kHz

Resolution: 24-Bit

Performance

SNR at 20dBu (A-weighted): >90dB THD+N at 20dBu, 1kHz (unweighted): <0.007%

Frequency Response at 20dBu: within ± 1 dB from 50Hz–20kHz

Crosstalk at 20dBu: <-60dBu

CMRR: >70dB

NOTE: All measurements performed using an Audio Precision System 1 Dual Domain System.

At f=1kHz and Level=20dBu. Measurement bandwidth=20Hz to 20kHz.

Environmental

Operating: 0° to 50°C (32° to 122°F)

Storage: -20° to 75°C (-4° to 167°F)

Order Information

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The specification information is preliminary and is subject to change without notification.

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