



**Q-SYS™**

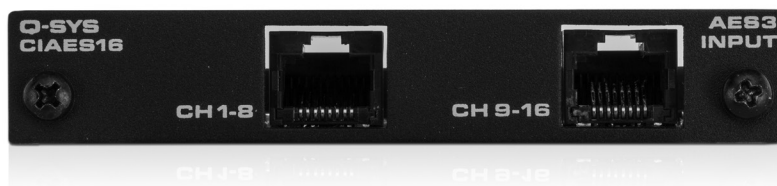
Integrated System  
Platform

## CIAES16 AES/EBU Input Card

### Features

- Accepts 16 channels of AES/EBU (AES3) digital audio on a single card
- Simple and cost effective digital audio interface to a Q-Sys Core
- Uses IT industry standard RJ45 connectors, saving space and simplifying terminations

## CIAES16 AES/EBU Input Card Preliminary



Q-Sys™ is a complete integrated system that encompasses everything from the audio input to the output of the loudspeakers; it provides all routing, processing, control and monitoring, while maintaining the audio quality and reliability that is synonymous with QSC.

CIAES16 is a 16-channel AES/EBU (AES3) 24-bit digital input Q-Sys peripheral card that can be used in any Q-Sys Core or I/O Frame\*. It provides a simple and cost-effective way to interface Q-Sys into an existing or new installation. The input

connectors are dual RJ45, compatible with most digital cinema Integrated Media Blocks (IMB).

While the CIAES16 Input Card is ideal for use in digital cinema applications, it is also suitable for any application where multiple channels of AES/EBU digital audio need to be interfaced with a Q-Sys Core, including performance venues such as theatres, auditoriums, convention centers and houses of worship.

### Specifications

Description	Sixteen (16) input channels of AES3 digital audio on two connectors
Frequency Response	Flat with sample rate conversion (SRC) disabled; ± 0.01 dB with SRC enabled
Mute	Infinite attenuation (via digital mute)
Group Delay (at 48 kHz)	3 samples (.062 ms) with sample rate conversion (SRC) disabled, 142 samples (2.96 ms) with SRC enabled
Input Capacity	2 x 8 inputs
Connectors	Two (2) RJ45 8P8C

\*The Q-Sys I/O Frame has a network I/O capacity of 16 x 16 channels, and the I/O Frame 8s has a capacity of 128 x 128 channels.



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