

Stereo Analogue Audio to AES A/D Converter

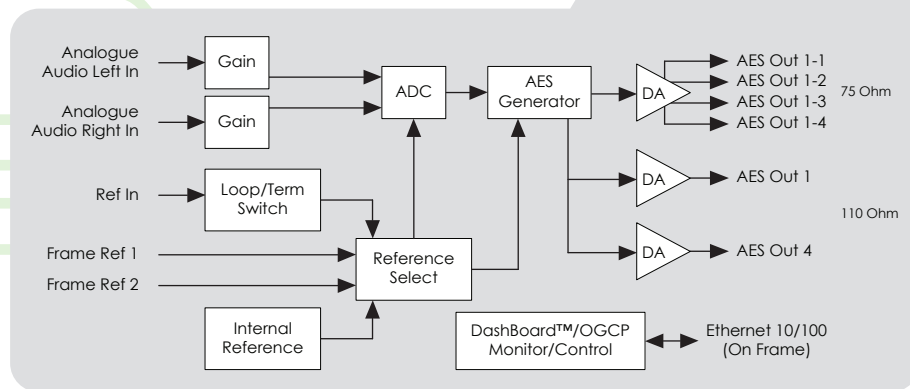
The AC345 is an analogue-to-AES digital audio converter, providing A/D audio conversion and AES signal distribution. The card supports audio sampling

frequencies from 30 kHz to 192 kHz, and converts the incoming stereo analogue audio signal to an AES digital audio signal using 24-bit conversion.

Features

- Internal clock generates audio sampling frequencies from 32 kHz to 192 kHz
- Can synchronise to frame, external or internally generated reference signals
- 24-bit audio conversion
- Suitable for 75 or 110 Ohm environments
- Remote control/monitoring via Dashboard™ software
- Five year warranty

AC345 - Block Diagram



Features and specifications subject to change without notice

Ordering Information

AC345 Stereo Analogue to AES/EBU Digital Audio Converter

RM-AC345-B Rear I/O Module (Single Slot) 2 Balanced Analogue Audio In, 4 AES Output BNCs, 1 Reference Input BNC

Specifications

Electrical

Power: 4 watts

Analogue Audio Input

Number of inputs: 2 balanced

Impedance: >20 kΩ

balanced

Signal Level: up to +24 dBu

Freq. Response: +/-0.2 dB at

20 Hz to 20 kHz

THD+N: <0.01%

Noise: -84 dBu at 20 Hz to 20 kHz

AES Output

Number of outputs: 4 unbalanced

Impedance: 75 Ω/110 Ω

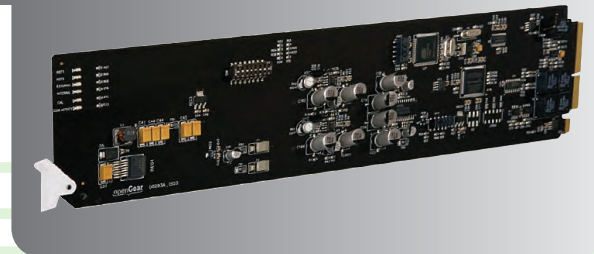
Resolution: 24-bit

Level: 1 Vp-p

Sample rate: 30 kHz to

192 kHz

Jitter: <5 ns



RM-AC345-B Rear Module

