

# AUDENC-1000

## Dual Stereo Audio to AES Converter

### Features

- High performance & low cost
- 24-bit oversampling ADC
- Nominal 48KHz sampling
- Balanced Analog Audio inputs (dual L+R)
- Dual Balanced AES outputs
- Balanced AES reference input
- Compact & rugged design 142mm(L) x 82mm(W) x 47mm(H)

### Description

The AUDENC-1000 is a dual, universal balanced Analog Audio to balanced AES to Converter. High performance is achieved using a low noise audio input stage and state-of-the-art 24-bit audio analog to digital converters. In the absence of an AES reference, 48KHz conversion is used, otherwise, audio is sampled at the AES reference sample rate.

### Specifications

#### Electrical Inputs – Analog Audio

Number of Inputs	4 balanced analog audio
Sampling Rate	48KHz (without AES reference) 15KHz - 50KHz (AES reference range)
Impedance	Hi-Z
Connectors	Mini-XLR (female)
Optional	Unbalanced 75 ohm RCA

#### Electrical Inputs – AES Reference

Number of Inputs	1
Data Rate	15KHz - 50KHz
Impedance	100 ohm balanced
Connectors	Mini-XLR (female)
Optional	Unbalanced 75 ohm BNC

#### Electrical Outputs

Number of Outputs	2
Signal Level	0dBFS = +24dbu input
Impedance	100 ohm balanced
Connectors	Mini-XLR (male)
Optional	Unbalanced 75 ohm BNC

#### Alarm & Control Interface

AES-REF loss & presence

#### Ordering Information

AUDENC-1000 Dual Analogue to AES Audio Converter

#### Supported Standards

AES-3

#### Accessories (extra)

High performance, 110-240V universal input, 12V @1.5A output  
Power lead, SAA approved, 2M, IEC320-C14 connector

#### Compatibility

Compatible with all SBC products supporting digital or analogue audio interfaces

