

LADA Series Analog Audio to AES/EBU Digital Audio Converter

Lightem Systems LADA series analog audio to AES/EBU digital audio converter converts 4 analog audio to 2 AES/EBU digital audio. Every two analog audio signals are converted to one AES/EBU digital audio. Lightem Systems AC1 series analog audio to AES/EBU digital audio converter has high signal precision, stability and reliability, which is ideal for radio station, CMMB, IPTV, mobile TV, mobile phone TV, telecommunication operators, government video conference system and other new media field applications.



FEATURES

- Designed specially for radio station with high quality audio format conversion requirements
- Ultra wide analog audio dynamic range
- Automatic switching between balanced and unbalanced audio input, ESD protection for more reliable operation
- Compatible with many AES/EBU digital audio sampling frequencies
- LED indicators for monitoring purpose
- PCB boards made with multilayer design, to ensure stable and reliable signal conversion

SPECIFICATIONS

Analog Audio Input	
Number of channel	4
Frequency response	20Hz-20KHz@-0.5dB
Operating mode	Balanced or unbalanced
Max output level	17.4Vp-p(+18dBm)
Isolation	>90dB@1kHz,>90dB@20kHz
Impedance	600Ω or big resistance
Connector	XLR
AES/EBU Digital Audio Output	
Channel Capacity	2
Level	5Vp-p
Sampling Frequency	48KHz
Jitter	<0.005UIp-p
Rise/Fall Time	<25ns
Impedance	110Ω
Connector	XLR
Physical	
Dimension(HxWxD)	44×433×340 (mm)
Power Supply	60-260VAC,50-60Hz
Operating Temperature	0 - +50 °C
Humidity	0 - 95% RH, non-condensing
LED Status Indicator	Power, Audio Activity

ORDERING INFORMATION

P/N	DESCRIPTION
LSC-AADA	Lightem Systems 4Ch Analog to 2Ch AES/EBU Digital Audio Converter (AD converter)