

AUDIO VIDEO SYSTEM

AES/EBU digital audio to Analog audio

Lightem Systems LADA series AES/EBU digital audio to analog audio converter convert 2 AES/EBU digital audio to 4 analog audio. Every AES/EBU digital audio is converted to two analog audio.

Lightem Systems AC2 series AES/EBU digital audio to analog 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

AES/EBU Digital Audio Input	
Channel Capacity	4
Level	0.2-7.0Vp-p
Sampling Frequency	32 KHz-96 KHz
Impedance	110Ω
Connector	XLR
AES/EBU Audio Output	
No. of Channel	4
Frequency Response	20Hz-20KHz@-0.5dB
Operating Mode	Balanced or unbalanced
Max output level	17.4Vp-p(+18dBm)
SNR(weighted)	>90dB
THD	<0.2%
Isolation	>90dB@1KHz;>90Db@20kHz
Delay	2 degree
Amplitude match	±0.2dB
Output Impedance	small resistance
Connector	XLR
Physical	
Dimension	44×433×340 (mm)
Power Supply	60-260VAC,50-60Hz
Temperature	0 – +50 °C
Humidity	0 – 95% RH, non-condensing
LED Indicator	Power, Audio Activity

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ORDERING INFORMATION

P/N	Description
LADA-42	Lightem Systems 2Ch AES/EBU Digital Audio Converter (AD converter) to 4Ch Analog Converter (DA converter)
