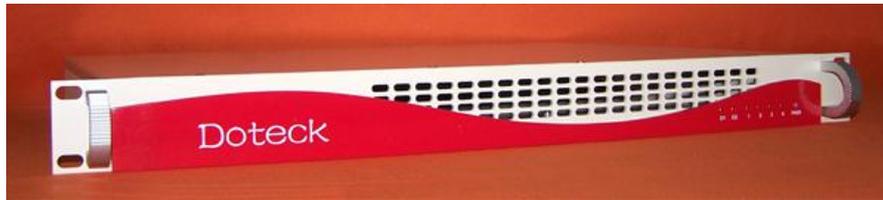


# Doteck

## Doteck AC2 Series

### AES/EBU Digital Audio to Analog Audio Converter



#### Features

- (1) Designed specially for radio station with high quality audio format conversion requirements
- (2) Very wide analog audio dynamic range
- (3) Automatic switching between balanced and unbalanced audio input, ESD protection, safer, more reliable
- (4) Compatible with many sorts of AES/EBU digital audio sampling frequencies
- (5) Perfect LED indicators design, very convenient to monitor device work well or not
- (6) PCB boards made with environment friendly Pb-free
- (7) PCB boards made with multilayer design, to ensure stable and reliable signal conversion
- (8) All components, including connectors, are ordered from public-known manufacturers in the world, high stability and reliability ensurance
- (9) Enclosure box material is made of aluminum, elegant and exquisite appearance, light weight
- (10) Dual switching power supply design, wide voltage range, reliable long-term running

(11) 19-inch width 1RU height standard box design, convenient to setup and operate

### Introduction

Dotek AC2 series AES/EBU digital audio to analog audio converter can convert 2 AES/EBU digital audio to 4 analog audio, each AES/EBU digital audio is converted to 2 analog audio. Conversion quality is ensured, meet broadcast quality standard.

Dotek AC2 series AES/EBU digital audio to analog audio converter has high supreme signal precision, stability, reliability, which is a ideal audio converter for radio station, CMMB, IPTV, mobile TV, mobile phone TV, telecommunication operators, government video conference system and other new media field.

### Technical Specifications

<b>AES/EBU digital audio input</b>	
Channel	2
Level	0.4-5.0Vp-p
Sampling frequency	32K-96KHz
Impedance	110Ω
Connector	XLR
<b>Analog audio output</b>	
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
<b>Physical</b>	

Dimension(H×W×D, mm)	44×433×346(mm)
Dual power supply	130-260VAC, 50/60Hz
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
LED status indicator	Power, audio activity

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