

Doteck

Doteck AC1 Series

Analog Audio to AES/EBU Digital 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, more safe, 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) 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

Dotack AC1 series analog audio to AES/EBU digital audio converter can convert 4 analog audio to 2 AES/EBU digital audio, each 2 analog audio is converted to one AES/EBU digital audio. Conversion quality is ensured, meet broadcast quality standard.

Dotack AC1 series analog audio to AES/EBU digital 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

Analog audio input	
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
Connector	XLR
AES/EBU digital audio output	
Channel	2
Level	5Vp-p
Sampling frequency	48KHz
Jitter	<0.005UIp-p
Rise/Fall Time	<25ns
Impedance	110Ω
Connector	XLR
Physical	
Dimension(H×W×D, mm)	44×433×346(mm)

Dual power supply	130-260VAC, 50/60Hz
Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing
LED status indicator	Power, audio activity

Doteck

Doteck Digital Technologies

Suite 819, Building C, Suite 11A, 11B, 11D, Tower 2, International Innovation Park, No. 2, Shangdi Info Road, Haidian District, BEIJING, CHINA, Postcode: 100085

Tel: +86-10-62120151

Mobile: +86-13910290608

Contact: LI XINJIAN

E-mail: Doteck@126.com

Welcome to visit our website for more info: www.Doteck.com