

ZHC348-0440DA Digital/Analog Convertor



1. Overview

ZHC338-0440DA audio digital/analog converter is a professional broadcast-grade audio signal digital/analog conversion equipment. The device converts the input four-channel AES/EBU digital audio signal into four-channel analog audio stereo signal output, which can adapt to the audio of various digital sampling modes in 32KHz-192KHz, 16Bit-24Bit. The device uses the industry's top chip, excellent performance, the signal-to-noise ratio can reach more than 100dB, and the distortion is less than 0.01%. On the front panel, you can select one of them for headphone monitoring and LED monitoring of the audio signal status. It adopts dual power supply that can be automatically switched to improve the reliability of the equipment.

Features

- ◆ Automatic switching of dual power supply
- ◆ Outstanding performance indicators
- ◆ One of 4 monitors is easy to operate
- ◆ Simultaneous conversion of four channels

2. Technical Details:

2.1 Technical Specifications

- 1) Digital audio input impedance (balanced/unbalanced) 110Ω/75Ω
- 2) Analog audio output impedance (balanced) 600 ohms
- 3) Working frequency 20Hz~20KHz
- 4) Signal-to-noise ratio ≥100dB
- 5) Audio frequency response ≤0.5dB
- 6) Distortion degree ≤0.01%
- 7) Stereo separation ≥95dB
- 8) Left and right level difference ≤0.1dB
- 9) Correspondence between analog and digital level AES input 0dBfs corresponds to 24dBu analog audio signal output and output
- 10) Maximum input level 0dBFS
- 11) Power supply voltage Dual power supply automatic switching AC100V~AC265V/47Hz~63Hz

2.2 Physical Specifications

- 1) Chassis standard 19 inches
- 2) Chassis size 1U (440mm×300mm×41mm)
- 3) Operating environment temperature -10℃~+50℃
- 4) Relative humidity <95%
- 5) Altitude <4500m