

ZHC348-4004AD Analog/Digital Converter



1. Overview

ZHC348-4004AD audio analog/digital converter is a professional broadcast audio signal analog/digital conversion equipment. The device converts four analog audio stereo signal inputs into four AES/EBU digital audio signal outputs. The device uses the industry's top chip, excellent performance, the signal-to-noise ratio reaches more than 95dB, and the distortion is less than 0.01%. On the front panel, you can select one of them for headphone monitoring and OLED screen 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) Analog audio input impedance (balanced) 600 ohms
- 2) Digital audio output impedance (balanced) 110Ω
- 3) Working frequency 20Hz~20KHz
- 4) Signal-to-noise ratio ≥95dB
- 5) Audio frequency response ≤±0.02dB
- 6) Distortion degree ≤0.01%
- 7) Stereo separation ≥95dB
- 8) Left and right level difference ≤0.01dB
- 9) Correspondence between analog and digital level 0dBu analog audio signal input corresponds to AES output-24dBFs
- 10) Maximum input level +24dBu
- 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