HR HALL RESEARCH

USER'S MANUAL

DAC-51
Universal Digital to Analog
Audio Decoder DSP
Supports Stereo & Surround

Rev N/C

Introduction

The DAC-51 Digital to Analog Audio Decoder uses 24-bit audio DSP and 192KHz DACs to convert virtually any type of digital audio input to stereo output. It supports uncompressed two-channel PCM as well as compressed multi-channel bit-stream audio (Dolby Digital AC-3 Dolby Pro Logic, DTS) and provides two channels of analog outputs both on RCA as well as 3.5mm headphone jack. When the input is multi-channel, the device down-mixes (using downmixing or fold-down algorithm) the digital

channels to 2-channel stereo for easy connection to entertainment devices.

Both TOSLINK optical, coaxial digital SPDIF inputs are provided (switch selectable by the user)

Features

- Converts PCM or DTS/ AC3 digital source audio to analog 2.0ch stereo output
- Provides both RCA and TOSLINK optical inputs
- plug and play

Specifications

Input ports: 1xToslink SPDIF, 1xCoaxial RCA

Output ports: 2xRCA (LR), 1x3.5mmPhone jack

Signal to Noise Ratio: 120db

Channel Separation: 85db

Frequency Response: 20Hz -20KHz

Dimensions: 75x55x20 mm (2.95x2.16x0.79 inch)

Weight: 40g (1.5 oz)