

MCM CUSTOM AUDIO

24 BIT / 96KHZ DIGITAL / ANALOG CONVERTER

The MCM Custom Audio Model 50-7774 D/A converter allows the user to select from up to four high quality digital inputs, two coaxial and two Toslink, and provides stereo analog output. Independent outputs are provided to feed the line level audio input of an amplifier, inputs on a recording device and a pair of headphones.

It is perfect when you need to add digital inputs to an existing analog amplifier or home theater receiver, or to provide a premium quality D/A converter when such in equipment is of insufficient quality. It is also perfect as a stand alone headphone amplifier to monitor the digital output on source equipment. It may also be used in pro-sound applications where amplifiers or mixing consoles lack digital inputs. The Model 50-7774 easily outperforms low resolution D/A converters found in low to mid priced audio receivers and amplifiers, providing wider dynamic range and superior sound quality.



Model 50-7774



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Technical Information:

The MCM Custom Audio Model 50-7774 utilizes a digital chipset comprised of a Crystal CS8414 input receiver and Burr-Brown PCM1716 96KHz/24 bit converter. Two Toslink and two AES/EBU coaxial inputs are provided on the rear panel. Analog output is provided via two sets of L/R RCA female connectors. An internal headphone amplifier also provides 700mW output, via a female 1/4" connector. This connector and associated gain control are located on the front panel. An external DC power supply is utilized to ensure maximum isolation between the devices sensitive circuitry and potential AC line noise.

Specifications:

Frequency response: 20Hz ~ 20KHz
Amplitude linearity: >1.06dB
Channel separation: >100dB @ 1KHz
S/N ratio: >103dB
THD: <0.0015% @ 1KHz
Digital input: 96KHz (standard SPDIF)
Resolution capability: 24 bit
Digital filter: 82dB
Power requirements: 12VDC, 1700mA
Included AC adaptor: Switch mode type
Input: 100~240VAC, 50/60Hz
Output: 12VDC, 1700mA

Headphone Amplifier

Output power: 700mW
Optimum impedance: 8Ω ~ 32Ω



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Features:

- Select from any of four digital inputs (two coaxial, two Toslink)
- Two sets of line level stereo outputs
- Internal headphone amplifier with level control
- Studio reference quality D/A converter with world class chipset

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