

MDA1000 D/A Converter



**“discover how much musicality and detail
your existing CD's actually contain”**

WATTS

Hear all there is to hear from your existing CD collection. Let the MDA1000 modify your music data stream from 16 bits to 24 bits, and to a sampling rate of 768kHz all while still in the digital domain. Then the MDA1000's eight, 24 bit Burr Brown digital converter take things from there. This processing allows such gentle filtering to the converted signal that the original musicality comes through, instead of the sound of the digital circuits themselves. The difference is easily heard. Listen and you will be amazed at how older discs rival, or often exceed, the sound of the new “higher resolution format” discs.

The MDA1000 D/A Converter and its matching MCD1000 CD Transport represent the introduction of a new and elite product category from McIntosh. The philosophy behind this enhanced level of McIntosh products is nothing but the best...to deliver the absolute highest possible performance without design constraints. Available only through McIntosh Authorized Premier Dealers, the MDA1000 and the MCD1000 are merely the beginning of this exclusive line.

Seven Digital Inputs

- 3 Coaxial Inputs on RCA Jacks
 - 3 Optical Inputs
 - 1 Balanced Digital in on XLR Jack
- Balanced (XLR) Outputs
Unbalanced (RCA) Analog Outputs
Front Panel Volume Control with
Optional Bypass Function
3D Glass Front Panel
Fiber Optic Lighting
Remote Control

POWER OUTPUT

A Tradition of Excellence



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POWER SUPPLY

Multiple layers of regulation provide clean power to all critical circuits. The power transformer has the lowest noise field of any available.

CIRCUIT SHIELDS

Each D to A Converter is shielded to avoid any chance of hum or noise getting through.

VOLUME CONTROL

Precision front panel and remote volume control allow the MDA1000 to function as a preamplifier in an all-digital system. Setup programming allows volume control bypass if desired.

FRONT PANEL DESIGN

3D front panel glass design is illuminated with long-life, cool-running fiber optics that make operation in low light easier. Silk screening on the inside of the glass front panel prevents wear of the nomenclature, ensuring lasting beauty and highest resale value...a McIntosh hallmark feature.

ANALOG AUDIO

FREQUENCY RESPONSE:

±0.5dB from 4Hz to 45kHz
(sampling frequency 96kHz and 88.2kHz)
±0.3dB from 4Hz to 22kHz
(sampling frequency 48kHz)
±0.3dB from 4Hz to 20kHz
(sampling frequency 44.1kHz)
±0.3dB from 4Hz to 15kHz
(sampling frequency 32kHz)

TOTAL HARMONIC DISTORTION

0.002% at 1kHz

A-WEIGHTED SIGNAL-TO-NOISE RATIO

Better than 110dB

DYNAMIC RANGE:

Better than 100dB (1kHz)

RATED OUTPUT VOLTAGE:

2V Unbalanced Outputs
(BYPASS ON Mode)
6V Unbalanced Outputs
(BYPASS OFF Mode)
2V Balanced Outputs
(BYPASS ON Mode)
6V Balanced Outputs
(BYPASS OFF Mode)

DIGITAL AUDIO SPECIFICATIONS

DIGITAL AUDIO FORMAT

IEC958, S/PDIF

COAXIAL INPUTS (1, 2, AND 3)

0.5V p-p @ 75 ohms

OPTICAL INPUTS (4, 5, AND 6)

-15 ~ 20dBm

XRL INPUT (7)

5V p-p @ 110 ohms

SAMPLING FREQUENCIES:

96kHz, 48kHz, 44.1kHz and 32kHz

POWER REQUIREMENTS:

100 Volts, 50/60Hz, 20W
110 Volts, 50/60Hz, 20W
120 Volts, 50/60Hz, 20W
220 Volts, 50/60Hz, 20W
230 Volts, 50/60Hz, 20W
240 Volts, 50/60Hz, 20W

OVERALL DIMENSIONS

(H x W x D including knobs and feet)

6" (15.2cm) x 17-1/2" (44.5cm)
x 16-1/8" (41cm)

WEIGHT:

24 lbs. (11kg) net, 38 lbs.
(17kg) boxed

The unique design of the MDA1000 top cover is machined from thick aluminum panels with a smooth black anodized finish. It contains a recessed area of glass on which is screened the block diagram of the MDA1000's circuitry and a recessed logo in McIntosh's signature gold.

