



MDC DAC 2.0 USB Digital-to-Analogue Converter



We love streaming computer music, especially high resolution 24/192 studio master tracks. But most computer sound cards are not designed for music production and end up ruining the sound while popular music streaming devices like Apple TV, Squeezebox and Sonos follow a similar poor quality path. Plug any of these devices into NAD's MDC DAC 2.0 and you will be blown away by what you hear! Listen to the details and dynamics reproduced from the original recording rather than the noise and distortion of an inadequately designed audio stage.



> NAD's Innovative Solution

Two of our top-rated amplifiers, the C 375BEE and C 356BEE, have our unique innovation—Modular Design Construction (MDC). MDC makes it easy to upgrade features and functionality. Thanks to the MDC DAC 2.0, you get the convenience of computer music without sacrificing the musical performance of your NAD hi-fi system.

> 24/192 Music

Thanks to a technique known as 'asynchronous USB', we have eliminated computer sound and let music flow freely. USB is a computer standard for high-speed data transmission (good news for 24/192 quality music) but it has a feature set skewed for PC use, not music. USB sends info in 'data packets' making the system very robust. There is also a traffic manager that can vary the size and sequence of the packets – good for PCs, bad for music. These timing variations create a condition called 'jitter' – small variations that create a harsh distortion. However, by using the high precision clock of

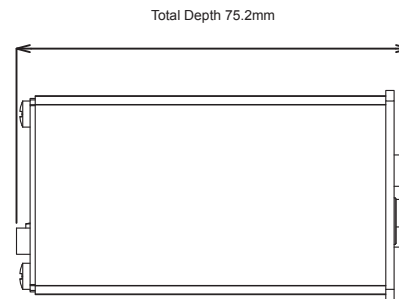
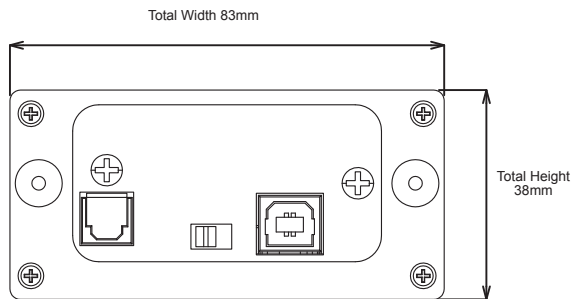
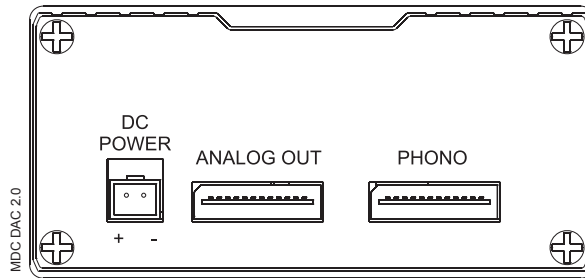
the MDC DAC 2.0 and built-in NAD customised software to control the PC, this distortion can be eliminated.

> Be in Complete Control

If you love iTunes, plug your Apple TV into the MDC DAC 2.0 and find out what the world's most successful music service really sounds like. Ever wonder what Apple lossless sounds like in comparison to AAC compressed downloads? The MDC DAC 2.0 will reveal the truth.

> Get More from your Music

If you love the Sonos or Squeezebox experience, elevate it to the next level of musical enjoyment with the MDC DAC 2.0 installed in a 150W per channel C 375BEE amplifier or 80W per channel C 356BEE. Either one of these highly acclaimed amplifiers can drive high quality loudspeakers to realistic sound levels without breaking a sweat. You'll hear more detail, dimension and natural timbre from each individual instrument than you ever thought possible.



Specifications

INPUTS	MDC DAC 2.0
Digital	Optical USB (Device side Asynchronous)
SPECIFICATIONS	
Sample Rate	USB 32kHz to 192kHz Optical 32kHz to 192kHz
Frequency Response	20Hz-20kHz \pm 0.2dB (USB) 20Hz-40kHz \pm 0.2dB (Optical)
THD+N	0.005%
Signal to Noise	>-100dB (ref. 0dBFS input)
Analogue Output Level	2Vrms (ref 0dBFS input)
Digital-to-Analogue Converter	Cirrus Logic CS4398
DIMENSION AND WEIGHT	
Unit Dimensions (W x H x D) Gross	83 x 38 x 75.2mm 3 1/4 x 1 1/2 x 3 inches**
Net Weight	0.18kg (0.40lb)
Shipping Weight	0.34kg (0.75lb)

** Non-metric measurements are approximate. NAD Electronics will not assume any liability for errors being made by retailers, custom installers, cabinet makers, or other end users based on information contained in this document.



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