

Audinst

Hi-Fi Audio Instrument Solution.

HUD-mx1

Hi-Fi USB Audio DAC & Headphone Amplifier



High End Performance

Our product is the fruitful result of long R&D with the goal of making the finest quality product of its kind, featuring 24bit/96kHz supported USB2.0 audio controller and Wolfson's WM8740 (117dB), the highest quality D/A converter in the market today. Finest quality components are installed at OPAMP and condenser, essential parts in creating exceptional sound quality. In addition, maximum harmonization of digital and analog circuits is achieved thanks to our technology of designing stable yet low-noise PCB, all contained in simple yet elegant finish case. Its plug and play design enables the unit to be used by just plug in to any USB port, allowing the user to experience never been heard USB hi-fi audio quality through both speakers and headphones.

Loaded with Wolfson's WM8740

Wolfson's WM8740 DAC features unique Linear phase half-band FIR filter, offering flexible interface with any external digital filter solutions. Furthermore, it features 24bit/192kHz stereo DAC, which provides the highest signal to noise ratio (SNR) and the lowest total harmony distortion (THD) for close to perfection quality audio playback for the money. Companies like Kenwood, Pioneer, Arcam, and Cambridge Audio have incorporated it, recognizing its outstanding performances and leaving no doubt its status as the finest quality DAC.



Protective Circuit Design for Stable Power



Even the HUD-mx1 can be used alone with USB power from the computer, certain notebook, low-powered computers and non-powered USB hubs may possess unstable electric power sources, thus making the use of electric adapter unavoidable. In such cases, our adapter is designed with self-protective circuit to take care of any potential problems arising from the electricity entering the unit during the connecting and detaching procedures. Not only that, the loss of electricity is minimized with its auto power off function on the adaptor, as the power at USB port is off.

Simple and Neat Overall Curve Design

Its overall smooth curve design features reverberating silver color to reflect elegant fashion, replacing previously hardened looks often found on the front panel of DAC. The design also eliminated any complicated words, making it look simple and convenient for the users to operate.

The Finest Quality DAC with Powerful Dual Headphone Amplifier

HUD-mx1 presents perfection-like sound quality from DAC no one has ever experienced before, with its unique circuit organization and highest quality components. This unit supports both stereo phone jack and stereo mini jack standards without requiring a separate gender converters, while its dual headphone output provides enough driving power to be used with 600ohm headphones, providing clear and high fidelity sound.

Installation of Protective Circuit for Speakers

HUD-mx1 incorporated protective circuit system for the speaker, preventing any potential damages by temporarily cutting-off loud signals entering the speaker during the playback, while switching from headphone use to speaker use.



Convenient Portability and Compatibility

Typical hi-fi DAC is inconvenient to carry around due to its large size, yet USB DAC has the advantage of being small and lightweight for the purpose of using it connected to the computer. As the unit gets smaller, the function of DAC reaches its limit and sacrifices with low quality audio sound. Our HUD-mx1 has overcome such limit to the maximum, developing ultra lightweight, compact DAC with reduced drop-off in audio quality. You can enjoy the music with highest quality possible audio sound wherever the computer is and, with its plug and play function, HUD-mx1 automatically becomes compatible under any circumstances, guaranteeing simple operation without the need to install cumbersome drivers.

Specification

Interface : USB 1.1 and USB 2.0 Full Speed compliant
Resolution/Sampling rate : 24bit / 96kHz
D/A Converter : 24bit / 192kHz, 117dB SNR
Headphone Impedance : 16~600 ohm
Line Out / Headphone Connectors : RCA / Stereo phone & Stereo mini
Digital Out(S/PDIF) : Optical
OS : Windows XP / Vista / Windows 7 / 8, 10, Mac OS X
Dimension(mm) : 100 x 105 x 29 (W x D x H) / 244 g

Website : <http://audinst.com>

In order to improve performance, the contents of this leaflet including the capabilities and the ways to use the product is subject to change without notice.



Made in Korea