



Transient MKII Asynchronous USB Digital Audio Converter

Thank you for purchasing the Transient MKII Digital Audio Converter.

Transient MKII is a multi-format digital audio converter compatible with Apple MAC models, Linux, and Windows based PC's (when used with our custom driver).

For installation instructions & driver downloads, please go to www.ciaudio.com/transient

Overview

The Transient is a unique audio converter which can be used as a complete DAC (Digital to Analog Converter) and preamplifier, using the analog outputs and built-in high resolution digital volume control. If using an external preamplifier (or receiver), the analog output can be set to *line level*.

In addition to the analog outputs, there are 3 digital output jacks, therefore Transient can be used as a high performance USB 2.0 to S/PDIF or I2S Converter.

Power is provided by the USB cable, making Transient a completely portable device. For improved performance, you can add our VDC•5 MKII Upgrade Power Supply, which replaces the USB power with cleaner, high-current regulated power.

Operation

Once installation of hardware and necessary drivers is complete, you're ready to play some music. When powered the 1st time, you'll notice the *volume down* indicator is illuminated. This shows that volume is at minimum setting (or *mute*). To raise the volume, simply press the *volume up* button until the desired playback level is reached. When maximum level is reached, the *volume up* indicator will illuminate.

When using with an external preamplifier, you can set the volume to maximum (line level) and use the volume control of your preamplifier/receiver.

There are two Quick-Set functions available:

To set to *Quick Mute*, press and hold the volume down button and press volume up 1 time.

To set to *Quick Line Level*, press and hold the volume up button and press volume down 1 time.

Once a level has been set, it is stored internally. When the power or computer is re-powered, level will be re-set to the last known setting.

Specifications

Computer Compatibility

- Windows XP, Windows Vista, Windows 7, Windows 8
- Apple MAC version OS X 10.6.4 or later
- Linux

Digital Outputs

- S/PDIF via 75 ohm BNC Connector (Galvanic Isolated)
- I2S via Mini DIN Connector (Audio Alchemy/Perpetual Tech/Camelot)
- Differential I2S via HDMI Connector (PS Audio/Wyred4Sound)

The digital outputs are fixed level and are not affected by the volume control.

Sample Rates Supported (up to 24 bits)

- 44.1k
- 48k
- 88.2k
- 96k
- 176.4k
- 192k

Master Clock Jitter: < 1.0 psec

Analog Output Level: 2V RMS Maximum (Single-ended RCA)

Frequency Response: 20hz to 96kHz

THD + Noise: -89dB @ -1dBFS

Dimensions: 4 7/16" W x 5 3/16" D x 2 7/8" H

Warranty

Your CIAUDIO product is covered by a 5 year Parts & Labor Warranty. For warranty service or technical support, contact us at...

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