



Ayazi DAC mk2

Reference manual



ayazi mk2

v.2.2

1 DAC INTRODUCTION

Thank you for purchasing the Ayazi digital to analog converter. It was designed to bring you many years of outstanding listening pleasure. We sincerely hope that it will.

The Ayazi DAC digital to analogue converter is a highly versatile, user-friendly product and we strongly recommend that you read this manual.

1.1 DAC BASICS

The Ayazi DAC is a 2-input digital to analogue converter capable of handling stereo audio data ranging from 8 bit to 32 bit resolution and 32kHz to 384kHz sampling rates. Its stereo analogue output is available via RCA connectors located on the rear panel.

The Ayazi DAC has one USB and one coaxial (S/PDIF) input located on the rear panel. These inputs are selected by a switch situated on the right side of the front panel; a blue led slightly to the left of the switch lights up when the input in use has synchronized.

The coaxial (S/PDIF) input on the rear panel will accept any outboard transport, the “digital out” signal from any cd-player, etc. When the coaxial input is being used, switch to “S/PDIF” on the front panel. When the device syncs, the front panel led sync indicator will illuminate blue for S/PDIF.

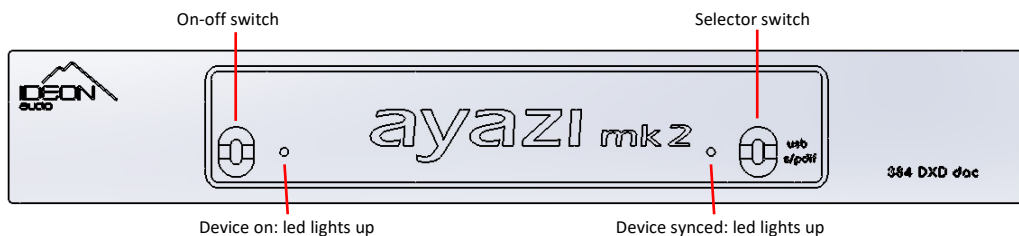
The second digital input is accessed via the USB socket on the rear panel. The Ayazi USB input can be used to connect to any music center, PC, or MAC, etc., via the USB port on the output device. When a USB device is connected, any appropriate audio files will be available for playback through the DAC. If the switch on the Ayazi front panel is on S/PDIF, please switch to “USB”, if not, leave as is. The Ayazi DAC’s front panel sync indicator will illuminate in blue when the device is in sync.

The single-ended output, also situated on the rear panel, must be connected to the input on the next device up the chain: pre-amplifier, amplifier / receiver, etc.

1.2 DAC FRONT PANEL INDICATORS & FRONT PANEL SWITCHES

Two indicators on the DAC front panel illuminate to indicate operational states:

- The **power indicator** (left led) illuminates when the DAC is ON
- The **sync indicator** (right led) indicates if the DAC's internal clock is precisely synchronized with the input data stream.



Two switches on the front panel:

- The **on-off** switch operates the general power supply for the Ayazi DAC
- The **usb - s/pdif** switches between the USB & S/PDIF (coaxial) inputs

When selecting between sources, the Ayazi DAC goes into mute mode for about half a second thereby providing a small cushion of safety from switching noise.

2 DAC INSTALLATION AND CONNECTIONS



The DAC should be installed on a dedicated equipment stand intended for the purpose. Once you have safely installed the device, please connect audio inputs and output using quality interconnect cables. Good quality cables can provide better audio results.

Before powering on, **make sure you read the passage below!**

*Connecting to mains & powering up: **PLEASE READ!***

*With inputs and output connected and the front power switch in the “off” position, please en-sure that the appropriate voltage for your mains supply is indicated on the rear panel (please see drawing above) – either 220-240 volt AC or 110 -127 volts AC. Then, connect the DAC to the mains power via the **IEC** fused connector using the mains cable supplied. To avoid possible damage to the speakers, please ensure that the audio system is switched off or the volume is turned to zero before switching on! **PLEASE NOTE** that the correct switching **ON** sequence is: source(s) first, power amplifier **LAST!***

Turn the Ayazi DAC on by flicking the power switch positioned on the front panel. A led will light up as soon as the circuit is powered.

2.1 INPUTS & OUTPUT

s/pdif	coaxial 75ohm (connection with CDP or any s/pdif out devices)
usb	type b (connection with P/C)
Output	single-ended 2.5k Ω , 2.0V
Left rca	left analog out
Right rca	right analog out

2.2 DRIVERS INSTALLATION

If you're going to use a Windows PC as an audio source via USB, Windows will have to install drivers when you first plug in the Ayazi DAC.

This should be a fully automatic process* on Windows 10, 8, and 7, but it may take a long time to download and install. Be patient and follow any instructions Windows provides, including restarting the machine.

You do not need drivers for Mac or Linux.

*If Windows does not install drivers automatically, or if you have an older version of Windows, you need to download appropriate drivers.

Once you've downloaded the drivers:

1. Go to your Downloads folder (or Desktop, or wherever you had Windows save the downloaded drivers.)
2. Click on the Ayazi drivers folder to open it.
3. Connect the Ayazi DAC with a standard USB A-B cable, 2M or less in length, with true USB 2.0 rating—neither 1.1 nor 3.0.
4. Double-click on setup.exe. This begins the driver installation.
5. Follow the prompts from the installation program to complete the installation. You may have to restart your computer.
6. In your Control Panel/Audio Devices, select the playback device "Ayazi HD audio". You may also have to select the device separately in the media player you are using to get output.

3 SAFETY INSTRUCTIONS

- **WARNING. TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
- Clean only with a dry cloth. Do not place flammable material on top of or beneath the component.
- Do not remove or bypass the ground pin on the end of the AC cord unless necessary to reduce hum from ground loops of connected equipment. This may cause RFI (radio frequency interference) to be induced into your playback setup. Removing or bypassing the ground pin on any electrical component is potentially dangerous and should be avoided for safety reasons.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time.



4 SERVICING

THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY PS AUDIO PRODUCT. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL Please contact your authorized dealer, distributor, or Ideon Audio if you have any questions not addressed in this reference document.



5 WARRANTY

Ideon Audio provides a 2-year manufacturer's warranty on all new Ideon Audio components.

This Warranty is subject to the following conditions and limitations: The Warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in this document, abused, or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than Ideon Audio or an authorized Ideon Audio repair center.

1. The product must be packaged and returned to Ideon Audio or an authorized Ideon Audio repair center by the customer at his or her sole expense in the original packing material. Ideon Audio will pay return freight of its choice for original purchasers.

2. Returned product must be accompanied by a written description of the issue or the defect. Ideon Audio reserves the right to modify the design of its products without obligation to purchasers of previously manufactured products and to change the price or specifications of any product without notice or obligation to any person.

In the event the product fails to meet this Warranty and the above conditions have been met, the purchaser's sole remedy

under this Limited Warranty shall be to return the product to Ideon Audio or an authorized Ideon Audio repair center where the defect will be repaired without charge for parts or labor.

This warranty does not cover the cost of custom installation, customer instruction and setup adjustments.

This warranty does not cover cosmetic damage or any damage due to accident, misuse, abuse, negligence or modification of, or to any part of the Product, without initial express consent from Ideon Audio. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Ideon Audio to service the Product.

Enjoy the music, enjoy HD music!

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