



User Guide



Ayazi DAC mk2



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.



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.

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** switch 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.

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.

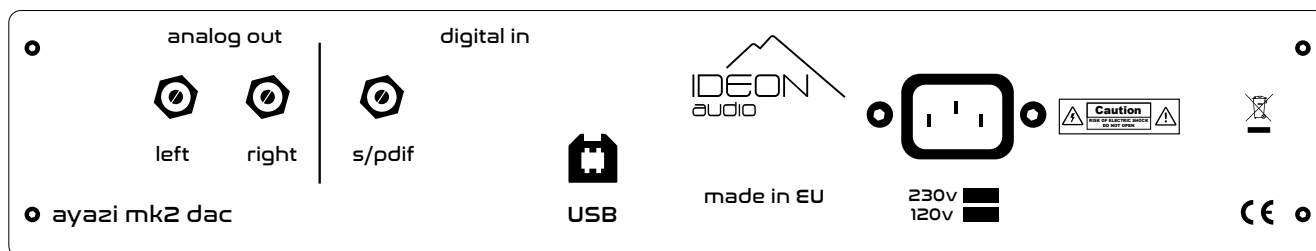
Before powering on, **make sure you read the passage below!**

Connecting to mains & powering up: PLEASE READ!

With inputs and output connected and the front power switch in the "off" position, please ensure 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.

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

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.



Safety Instructions

- **WARNING. TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.**
- Clean only with a dry cloth. Do not place flammable material on or underneath this device.
- 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. Disconnecting the ground 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.

Servicing

THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY IDEON AUDIO PRODUCT. PLEASE REFER ALL SERVICING TO QUALIFIED PERSONNEL.

Please contact your authorized dealer, distributor, or Ideon Audio if you have any questions not addressed in this reference document.



Warranty

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

The Ideon Audio seven (7) year and extended Lifetime Limited Warranty

You can extend the standard 2-year manufacturer's warranty into a 7-year warranty by registering your product with us. To do that, you need to send us your Name, Address, tel., email and the proof of purchase in the form of a bill of sale, invoice (or copy thereof) from the Ideon Audio dealer or Distributor. For further detail please contact your dealer or refer to Ideon Audio's official site.

Furthermore, Ideon Audio also offers a Lifetime product warranty that can be purchased at 17,5% of the retail price for any of our products. Please coordinate with your dealer or local distributor for that.

The Ideon Audio limited warranty covers defects in the materials and workmanship in this product. Under the terms of this warranty we will repair the product free of charge (parts and labour) — or replace it where we deem that repair is not possible — for malfunction due to inherent defects in the materials or construction.

Ideon Audio has authorized distribution in many countries of the world. Warranty service should be obtained directly from the importing retailer or distributor from whom you

purchased the product. In the unlikely event of service required beyond the capabilities of the importer, Ideon Audio undertakes to fulfill the conditions of the warranty. In case of malfunction please contact your dealer to arrange for service. If you have purchased the product directly from Ideon Audio, please contact us directly at info@ideonaudio.com, quoting subject: fault and a short description of the issue. Please note that the product must be returned using original packaging only and accompanied by a written description of the issue, defect, or malfunction.

***Products covered by the extended, lifetime warranty.**

- This specially extended warranty covers the lifetime of the product model.
- This warranty is transferable under condition that each new owner informs Ideon Audio importers, dealers, or Ideon Audio directly the device model, number, previous owner name & new owner name & address.
- In cases of obsolescence of materials or superseded technology, the product will be repaired using currently available materials and technology of equivalent performance characteristics, or better.
- "Future proof": if Ideon Audio releases upgrades to, or improved versions of, the purchased product, these are made available to subscribers at cost of parts and materials only. Shipping to the service location is borne by the owner, Ideon Audio or its distributors / dealers pay for return shipping.

***This warranty is voided in cases of**

- Damage and /or malfunction caused by tampering or modifications to the product's original state, attempts to fix, or other alterations to the product by persons other than factory authorized service personnel.
- Failure to comply fully with Ideon Audio operating instructions.
- Damage to cables or attachments and cosmetic damage induced by use.
- Damage and /or malfunction caused by improper use, abuse, or improper operation of the product.
- Products obtained outside the network of authorized Ideon Audio dealers and resellers.

General Warranty Terms.

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.

- 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.
- 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 hi-definition in music!