



User Guide



Absolute Time



THANK YOU!

And congratulations for purchasing the **Absolute Time**, probably the foremost digital signal reclocker / reviver currently available for both USB and SPDIF inputs.

The Ideon Audio absolute Time improves the digital signal quality to what is currently an absolute level. The sonic result is unparalleled clarity and detail in reproduced sound.

The Absolute Time is the essential signal reviver (re-clocks and reconstitutes) and purifier enabling the **absolute Suite** to reach its superlative sonic performance.

The absolute Time incorporates separate USB and coaxial (SPDIF) inputs and a high current, 2.5A, USB output.



Features

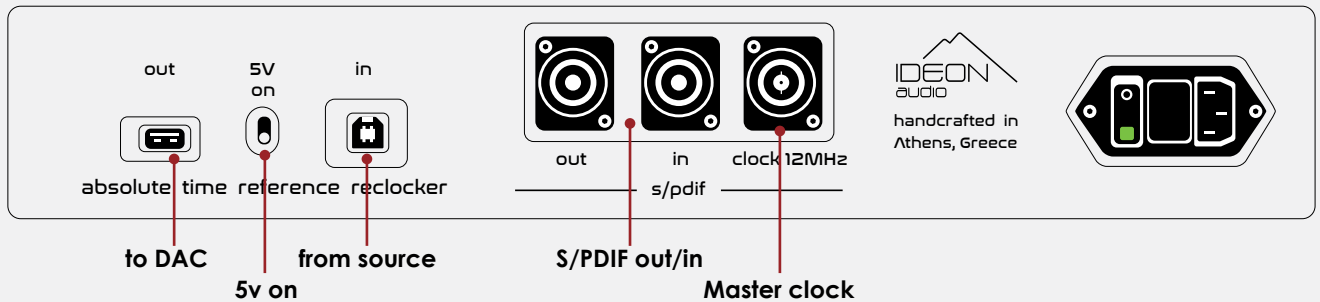
Some of the features of our flagship signal reviver follow:

- Separate, electrically stable USB and coaxial (SPDIF) inputs – a boon for CD collectors for the enjoyment their music!
- Superlatively sized power bank, hand-made audiophile transformer;
- As with all Ideon devices, the power reservoir is carefully engineered: linear, triple-stage, ultra-stabilized, with separate lines to different circuits.
- Low esr, audiophile (silk) capacitors throughout;
- Precise timing, phase, and clarity: ultra-low jitter femto clocks and ultra-low-noise oscillators ensure phase correct restitution and vanishingly low jitter.
- Ultra-low noise power ensures that the outgoing signal is pristine!
- USB output: ultra-stabilized with signal boost, high power (2.5S / 5V rail), easily drives any load;
- SPDIF output: proprietary ultra-low-noise, jitter-less re-clocking with 12.8MHz master clock output;

The device's additional and equally important function is disconnecting the noisy 5v bus power traveling down the USB cable; an additional ultra-low noise regulator provides clean 5v BUS - for DACs that need it and can benefit from this feature!

Connecting Absolute Time

Back panel



On the rear panel as shown above, you will also find the device On/Off switch and the IEC power socket. Please complete all signal connections before attaching the power cord and switching the device on for the first time.

Please connect your USB sources via the “USB in” socket; the “USB out” connects to your DAC.

For SPDIF sources (CD transport, cd-player digital out, etc), please use the SPDIF input using appropriate coaxial cable.

***MASTER CLOCK CONNECTION:** attention, only applies to sources (CD transport, cd-player) offering a Master Clock input!

In addition to the SPDIF “in” and “out” connections, please connect the “Master OUT” on the back panel to your source device’s “MASTER In”. The result will be significantly improved transport jitter—hence an incomparably better sonic result.

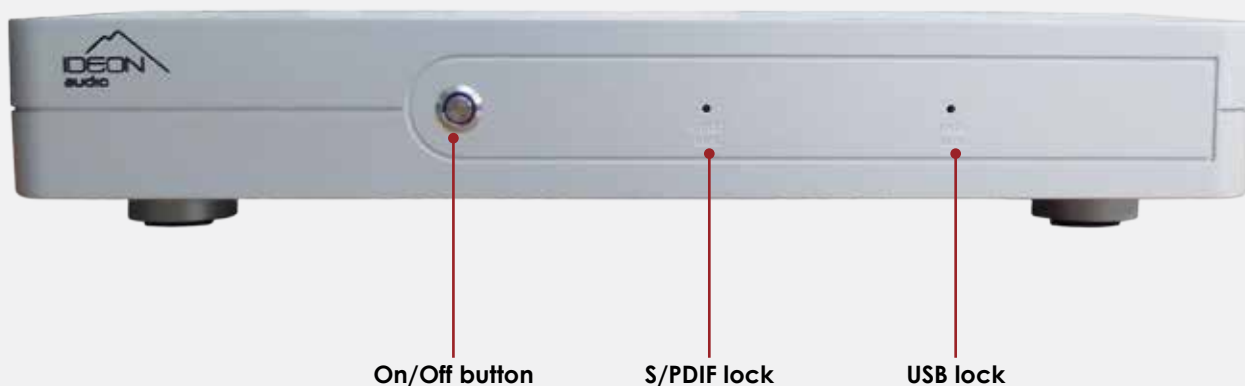
You will also find a 5v on switch as in the illustration above. With this switch set to the on position, the 5v power rail is on – to the USB cable (power goes through the USB cable).

When set to off position, the 5v power rail is cut off from the USB cable resulting in better, cleaner data transmission. This switch is included as some DACs do not provide power to the USB cable. This feature also helps you experiment with various cables if you so desire.

If not necessary, we recommend you switch this power rail off.

On the front panel of the device as shown in the illustration below there is a round power switch and two (2) indicator lights:

- the power switch lights up when the device is on
- the USB lock light shows the Absolute Time has locked with the USB source
- the SPDIF switches to green when the device has locked with the CD source; it is red when there is error, i.e. unrecognized or no signal





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!