



# User Guide

**INNOVATOR**  
Series



## Sigma Wave USB isolator





Thank you for purchasing the Iideon Audio **Sigma Wave** USB isolator.

The Sigma Wave USB Isolator, offers a cutting-edge solution, designed to effectively eliminate detrimental noise from the USB stream. Addressing issues caused by clocking signal leakage and digital circuit noise at the source, this innovative device ensures a cleaner, distortion-free analog signal by isolating and mitigating noise that typically infiltrates the return signal path (ground) of the DAC.

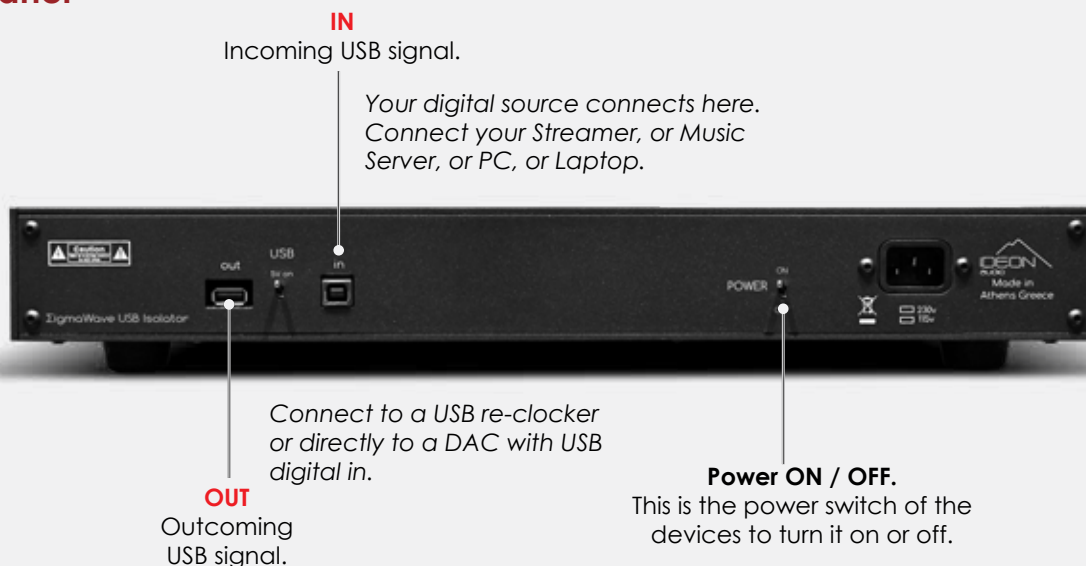


## Connecting the Sigma Wave

Please complete all necessary connections (see pictures below) before connecting the power cord to the mains.

Once all connections are made, connect the power cord to the mains and switch the device on, as shown.

## Back panel



## Power On / Off

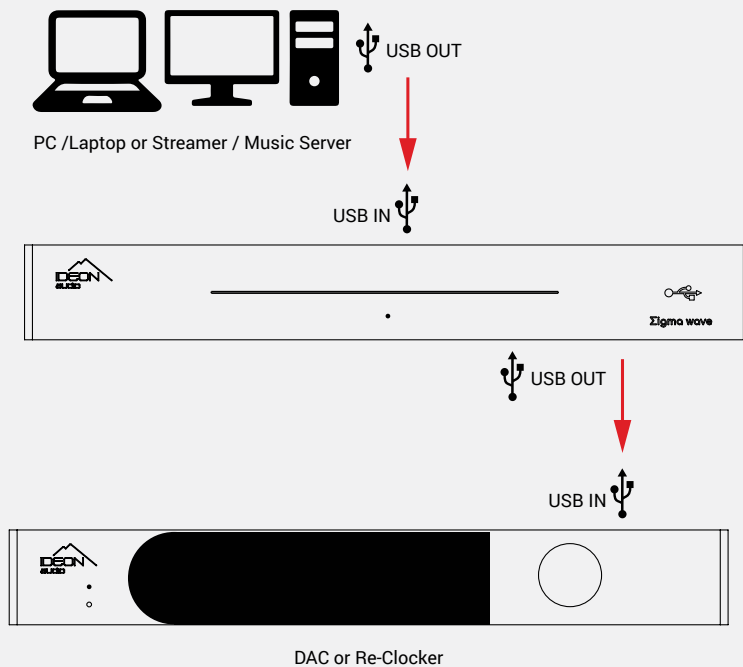
To power on the device, lift the on/off (power) switch to the "ON" position located at the back of the device, as shown in the photo. A white LED light at the center of the front face will indicate that the device is on. The long white LED strip on the front faceplate indicates that the device is operating normally, and that the USB signal is passing through. To turn off the Sigma Wave, use the same on/off switch at the back of the unit and move it to the "OFF" position.



## NO Drivers needed

The Sigma Wave operates with embedded software, requiring no drivers, and is fully transparent to connected devices. It works seamlessly with any USB device on the market and is the only true high-end USB isolation platform for audio.

### Sigma Wave USB Isolator



### Technical Specifications

SIGNAL ISOLATION	Full USB Signal isolation
ISOLATION VOLTAGE	High (up to 4.5kV)
DATA LINES ISOLATION	Complete Isolation of both data lines, power and ground lines, from input to output
POWER & GROUND ISOLATION	Complete isolation from Input to Output
TIMING DEVICE	Special femto clock in the output section
POWER SUPPLY	Linear, with dual ultra low-noise regulators
NOISE MINIMIZATION	Multiple ultra low-noise power supplies
DIMENSIONS ( W X H X D)	460 x 70 x 295 mm ( 18.1 x 2.7 x 11.6 in)
WEIGHT	10 kg (~ 22 lbs)
APPLICATION	Compatible with DACs and USB-enabled devices

## 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 labor) — 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](mailto: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.

### **\*Extended, lifetime warranty coverage**

- 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.
- Damage and /or malfunction caused by improper use, abuse, or improper operation of the product.
- Failure to comply fully with Ideon Audio operating instructions.
- Damage to cables or attachments and cosmetic damage induced by use.
- 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.

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.
- 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.

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

## Enjoy the music, enjoy hi-definition in music!





