



3R Master Time

User Guide



THANK YOU!!

Thank you for purchasing the **Ideon Audio 3R Master Time**.

This device is among the highest performing precision USB Re-Clocking platforms available today.

3R means: **Re Drive - Re Clock - Re Generate**.

The 3R Master Time uses proprietary circuit design and component selection; in action it dramatically improves the sound from digital computer audio files, music streaming services (like Spotify, iTunes, Tidal, etc.), even from low-res audio-vid (e.g. youtube) playbacks!

3R MASTER TIME

Ideon Audio's 3R Master Time connects between the digital output like a computer or a music server, and the DAC. It achieves amazing sound performance by uncovering lost detail, enhancing dynamics, re-clocking the signal using ultra-low jitter oscillators, and minimizing transmission losses. The performance enhancements are immediately evident and phenomenal.

Cutting edge technology: based on Ideon Audio's proprietary design, the 3R Master Time, deploys

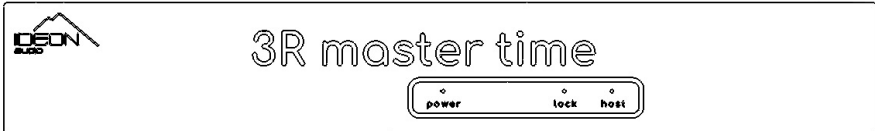
- Triple ultra-low noise linear power supply
- Femto, ultra-low noise phase clock
- Dual re-drive signal conditioning chip
- Modular digital core for future updates

The 3R Master Time's secondary but very important function is that it disconnects the computer's noisy 5v bus power coming down the USB cable, providing clean 5v BUS to its output - for DACs that need it and can benefit from this feature! - via a second ultra-low-noise regulator. In the rear panel of the device there is a 5v on switch – as seen in illustration below. 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 not set to the on 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; it can also help you to experiment with different USB cables. Unless necessary, however, we recommend you leave this power rail off. In the rear panel as shown in the illustration below, you will also find the USB In and Out sockets (to connect the host and the DAC with the corresponding USB cables) and the On/Off switch of the device.



In the front panel of the device as shown in the illustration below there are 3 indicator lights:

- * the power light shows that the device is on
- * the lock light shows that the 3R Master Time has successfully connected to the DAC
- * the host light shows that the the 3R Master Time has successfully connected to the computer



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.



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.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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!

s: www.ideonaudio.com | e: info@ideonaudio.com