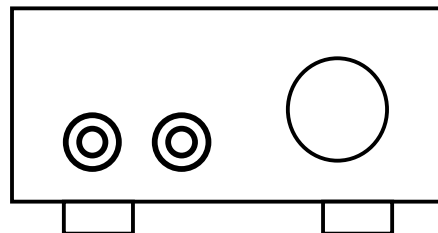


Burson Audio HA-160 Headphone Amplifier

User Manual

www.BursonAudio.com

Want free warranty extension? Please read page 7 for details.



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Thank You.

All of us at Burson Audio would like to say thank you, and congratulations for purchasing the Burson HA160. We sincerely believe that your Burson HA160 is an intelligent investment that will bring you many years of musical enjoyment and satisfaction.

We understand how eager you are to begin listening and we want you to become familiar with the full capabilities of the Burson HA160. However, before powering on the device, we encourage you to look through the manual.

Team Burson

Formed around 1996 by a small group of passionate audiophiles, the sole purpose of the team was to pool various knowledge and experience to build and develop audio projects for the member's own enjoyment. None of the projects were aimed to have any commercial value, they were either too costly or too time consuming to produce on a large scale. Instead, they were always aimed to achieve perfection.

The team believes that making a piece of audio equipment is just like crafting a musical instrument; knowledge, patience and absolute passion are key to refinement!

It took almost 10 years before Team Burson formally introduced our first commercial product in 2005. We were both surprised and grateful by all the instant support and recognition given by the global audiophile community.

Team Burson

Unpacking

After carefully unpacking your Burson HA160, inspect for any shipping damage and call your dealer immediately if any is found. Do not plug your Burson HA160 into any outlet if you find shipping damage. Please save all packing materials so the unit can be easily and safely shipped if the need arises.

The Accessory Kit

Included in the carton, you will find an accessory kit that contains the following:

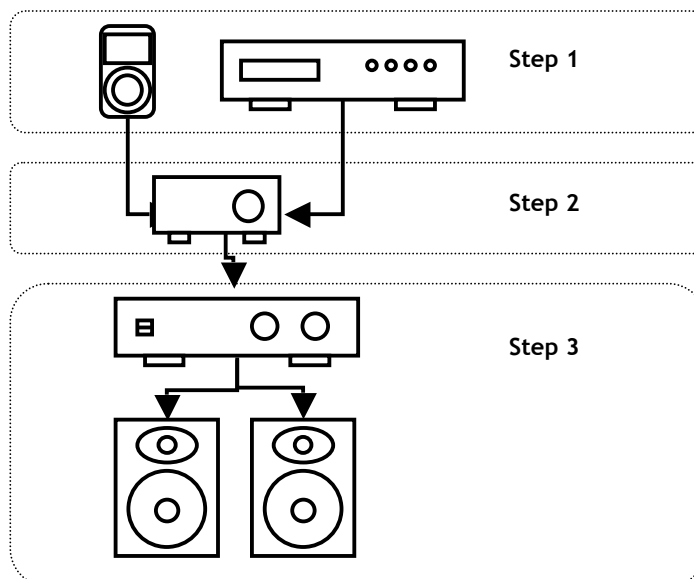
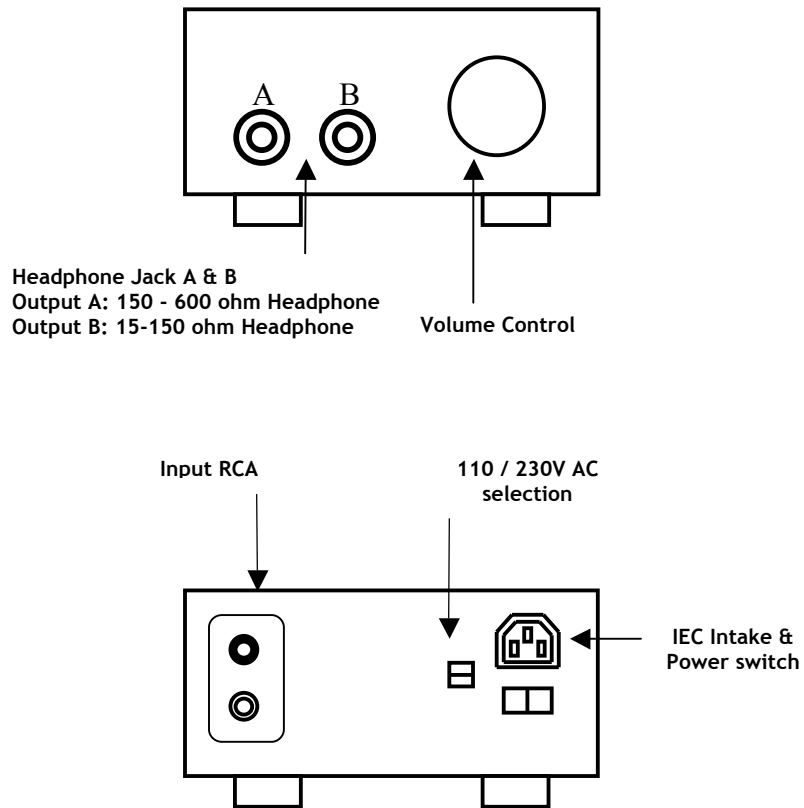
- AC power cord
- HA160 Headphone Amp
- User manual with warranty registration instruction

Choosing a Location for the HA160

The sound quality of all high-performance audio components can be degraded by vibration. Try to avoid stacking other audio component on top of the HA160 and allow minimum of 1cm clearance around the HA160 for heat regulation. For best performance, place the Burson HA160 on a solid surface that will minimize vibration.

Connections

This section provides instruction to connect the Burson HA160 to the rest of your music system. Below is an illustration of the Burson HA160 front and rear panels, showing all inputs and outputs.



Avoid allowing static shocks to be applied to the inputs or outputs. To prevent static shocks, touch any grounded surface, such as the chassis of a component that is plugged into an AC socket, before connecting or removing a cable. Inputs and outputs can be safely connected to the Burson HA160 when the AC power is switched off.

Connecting to AC Power

Check to make sure your Burson HA160 has been manufactured for operation at your AC line voltage. Attempting to use your Burson HA160 at any voltage other than specified on the rear of the unit may cause damage that is not covered by Burson's warranty.

Using AC Line Conditioners

Of the wide range of power line conditioners currently available, some can provide substantial improvement in sound while others actually degrade sonic performance. Use caution in selecting a power line conditioner for your system. In particular, avoid using inexpensive "surge protectors". Although these can prevent damage from high voltage spikes, they often degrade performance

Leaving the AC power on

Some said that leaving the power on allows the circuitry to remain at a constant operating temperature, providing better performance and longer life. However, there is always a slight increase in risk of fire or damage to any electrical component when the power is left on. We believe that it is not necessary for the HA-160 to be remained on constantly.

Break-in and warm-up

Careful listeners will notice that the sound of the Burson HA-160 improves steadily after the unit is powered-up. A new unit will undergo more dramatic changes when power is applied for the first time. Depending on the resolution of the system and the attentiveness of the listener, you may find that the sound continues to improve over the first several weeks of operation. If the power is disconnected for a period of an hour or more, the unit will undergo similar but less dramatic break-in.

Tips

- Connect your HA160 directly to the wall socket with a good quality power cable. Instead of channel thought a power board will yield better results.
- Warm up your HA160 for 30 min is recommended before each listening session.
- It is recommended to apply contact clearing product such as Deoxit ProGold Contact Cleaner to all input and output connectors every 6 months.

Free Warranty Extension

All Burson Audio products are covered by 12 months of warranty (See conditions below). You can extend the warranty to 24 months by sending a photo of your audio system with the inclusion of the Burson product along with some honest feedback to info@bursonaudio.com with the date of your purchase and the name of the authorized dealer.

Warranty Conditions

This Warranty covers the Burson HA160.

Burson Audio warrants that this product shall be free from defects in materials and workmanship for: 1 year for all parts of the product. The warranty period begins at the date of sale and is subject to the following requirements and understandings:

1. This is a non transferable warranty.
2. The product must not have been modified in any manner whatsoever, or the warranty is immediately voided.
3. The product must not have been stored in a humid, damp environment; nor subjected to weather, water, or salt spray.
4. During the warranty period Burson will replace a defective Burson HA160 with a similar available product, at no cost to the owner for labour, materials, and shipping charges from Burson.
5. Burson shall not, under any circumstances, be liable for any incidental or consequential damages arising from the loss of property or other damage or losses due to the failure of a Burson HA160. Burson will not pay for loss of use or inconvenience caused by the failure of a Burson HA160. Burson will not pay for damage caused to other audio components caused by the failure of the Burson HA160 within the limits allowed by Australian Law.
6. The customer is responsible for the shipping charges for all repairs, warranty or non-warranty, shipped to Burson. Burson will pay return shipping to the customer or dealer (within the Australia) for all warranty replacements. Special shipping methods or services will not be covered by Burson.
7. This product is only warranted in the country of original sale by Burson.

Specifications

Output Noise Level : 0.015MV(nil input)

Maximum Output Voltage :12VRMS

Maximum Input Voltage: 6VRMS

SN:118DB

Frequency Response: 0-220KHZ(-3DB)

Gain: 6db (great for passive preamp)

Net Weight: 5 kg

Dimensions (210mm X 145mm X 60mm)

Other Features

Dual Mono design for maximum noise separation

Extreme short signal path less than 6cm on Hi quality PCB

High Quality components (Elna Audio graded caps, carefully matched high quality audio transistors, DALE military graded resistors...) with hand soldering

Sophisticated power filtering and short circuit protection net work

Happy Listening.