

# BHA-1

BALANCED HEADPHONE AMPLIFIER

*fuel for the senses*



## **BHA-1 BALANCED HEADPHONE AMPLIFIER**

Advancing our tradition of unmatched audio performance and functionality, the BHA-1 Bryston Headphone Amplifier is our reference amplifier solution for the finest listening experiences with your headphones.

The advantage of driving each headphone driver with two amplifiers configured in balanced or series mode is a doubling the signal voltage into this speaker. This configuration has been proven with our 7B, 14B and 28B amplifiers. So we are bringing this concept to driving headphones. Balanced power amplifiers have no speaker currents being drawn from the circuit ground so the ground reference is always clean and stable especially when higher power is in order.

Balanced amplifier outputs can never be grounded, and at this time it seems most headphones are supplied with stereo 1/4" plugs that connect the low sides of their speakers together and attach them to the shield or ground pin. The remedy is simple and in most cases requires only changing the 1/4" connector to either two 3pin XLR connectors or a single 4 pin XLR connector. Bryston is able to provide this service if necessary. An adaptor cable is also available to allow for both balanced and single-ended operation of your headphones.

Designed for both audiophiles and audio professionals. The BHA-1 fully resolves musical detail and clarity. Effortless transient power at any level or load. The resolution from your headphones is dramatic.

# PRECISION HIGH-RESOLUTION AUDIO HEADPHONE PLAYBACK



## PRODUCT FEATURES:

- Balanced Dual mono circuitry
- High Quality Noble Stereo Volume control – laser trimmed
- Left/Right Balance Control
- 6 Fully discrete Class A Bryston operational amplifiers
- Balanced outputs – 4 pin stereo and dual left/right 3 pin outputs
- Stereo ¼ inch single ended outputs
- 14dB or 20dB of selectable gain available
- All input and output connectors are Gold plated
- 10k input impedance
- Multiple headphone drive capability

## POWER OPTIONS:

- Standard: high quality Bryston internal analog power supply
- Optional: MPS-2 power supply also available (replaces internal supply).

## SPECIFICATIONS:

- Weight: 8 lbs (3.6 kg) - Dimensions: H x W. x D.
- Warranty: 20 Years
- Frequency Response – Noise - distortion
- Power output into OHMs



**Bryston Ltd.** P.O. Box 2170, 677 Neal Drive, Peterborough,  
Ontario Canada K9J 7Y4 **1-800-632-8217** **bryston.com**

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