



悅 USER'S MANUAL

HEADPHONE AMPLIFIER

OUTPUT IN: XLR2 GAIN (dB)
LINE -33

 HOLO AUDIO
BLISS

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OVERVIEW

A new generation of fully discrete headphone amplifiers.

FEATURES

- The Bliss "悦" adopts a true and fully-balanced design from end to end, with 4 sets of channels, left and right channels each form a fully-discrete design. Each Channel has two fully-discrete and separate amplification modules to complete buffering and amplification (attenuation) functions, for a total of 8 amplification modules.
- The 8 amplification modules of Bliss "悦" are of a fully discrete design. The shortcomings of the transistor itself are solved through its structural design and implementation. Its tone can exceed the limitations of traditional transistors. Using significant amounts of paired transistors delivers superior linearity, and at the same time has the advantages of electron tubes and transistors.
- The Power supply in Bliss "悦" is a completely independent structure from the secondary transformer. This is a dual-mono amplifier placed in a single chassis. It has a full frequency of 120dB performance of channel separation, so that the sound field is perfectly produced.
- The Bliss "悦" volume control is a fully balanced stepping device controlled by relay-controlled gain stage. its relays are the finest quality, with Silver Palladium (AgPd) Gold plated contacts. The relay controlled gain stage provides 84 steps, each step is 1dB volume and provides a volume control from -72dB to +12dB. Its advantage is that it has ultra-low noise and can be accurately controlled at low volume without causing the phenomenon of left and right channels having unmatched levels. The matching degree of left and right channels in all volume ranges are within +/- 0.1dB.



SPECIFICATIONS

LINE IN

Single-ended RCA input (QTY 1)	Maximum amplitude 8.4Vrms Input impedance 6.2K Ω
Balanced XLR input (QTY 2)	Maximum amplitude 16.8Vrms Input impedance 12.4K Ω

HEADPHONE OUTPUT

4P XLR Output	Low impedance mode (LO-Z): Output impedance 0 Ω , power 12Wrms@32 Ω High impedance mode (HI-Z): output impedance 15 Ω , power 2.5Wrms@150 Ω
4.4mm Pentaconn Output	Low impedance mode (LO-Z): output impedance 2 Ω , power 12Wrms@32 Ω High impedance mode (HI-Z): output impedance 17 Ω , power 2.5Wrms@150 Ω
6.35mm TRS Output	Low impedance mode (LO-Z): output impedance 1 Ω , power 3Wrms@32 Ω High impedance mode (HI-Z): output impedance 8.5 Ω , power 0.6Wrms@150 Ω

LINE OUT

Single-ended RCA Output	Maximum amplitude 10Vrms Output impedance 20 Ω
Balanced XLR Output	Maximum amplitude 20Vrms Output impedance 40 Ω

PHYSICAL CHARACTERISTICS

Size	430x300x55mm / 16.93x11.81x2.17inches (W x L x H, Dimensions do not include protruding parts)
Weight	10kg / 22.05lbs

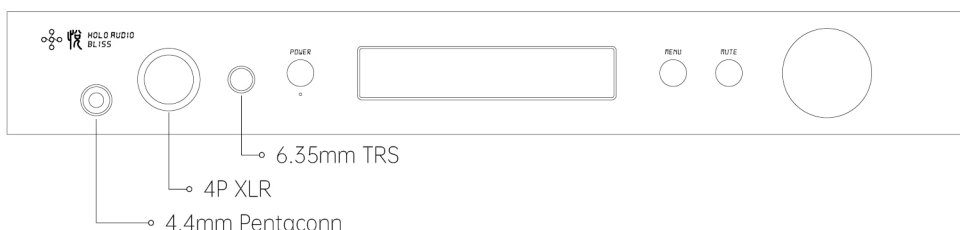
CONFIGURATION

Power Input (configurable, see label on bottom of unit for specified input)	220-230V 50/60Hz – Use Fuse Type 2A SB 5x20mm (when internal switches are set@220v) 110-115V 50/60Hz – Use Fuse Type 4A SB 5x20mm (when internal switches are set@110v)
Power consumption	50W

ACCESSORIES

Included Accessories	AC Power Cable x1 (Applicable to N. America only) Remote Control x1
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FRONT PANEL



BUTTON CONFIGURATION

POWER / INPUT / MUTE / VOLUME KNOB

POWER (INDICATION LIGHT IS RED WHEN POWERED IN OFF-STATE, AND GREEN WHEN ON)

Press and hold this button for 1 second to switch the power on and off. In the off state, all power is off except for the standby circuit and red indication light, other circuits of the Bliss "悦" will stop working and will have no output.

MENU

Press to enter the menu, each press switches between INPUT, OUTPUT, and DISP.

INPUT: Use knob to switch among XLR1, XLR2, and RCA, in turn.

OUTPUT: Output setting, select HP HI-Z (headphone high impedance), HP LO-Z (headphone low impedance), LINE (line output) through the knob.

DISP: Display mode setting, select the display screen ON (open), OFF (automatically close) by the knob.

MUTE

when muted, Bliss "悦" output stage circuit turns off, the output stops, input cannot be changed, and volume cannot be adjusted. However, the power consumption is essentially unchanged, and will maintain its hot (thermally stabilized) state, which is optimal for sound quality.

VOLUME ADJUSTMENT KNOB

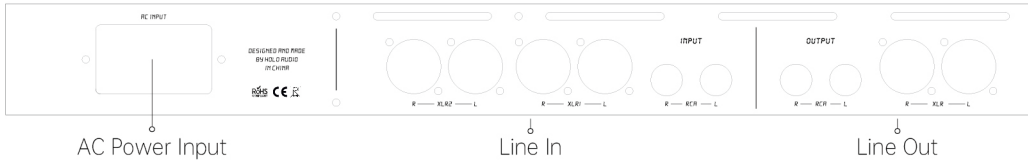
Turn the knob clockwise (right) to increase the volume (1dB per division) or turn the knob counterclockwise (left) to decrease the volume (1dB per division).

VOLUME SETTINGS

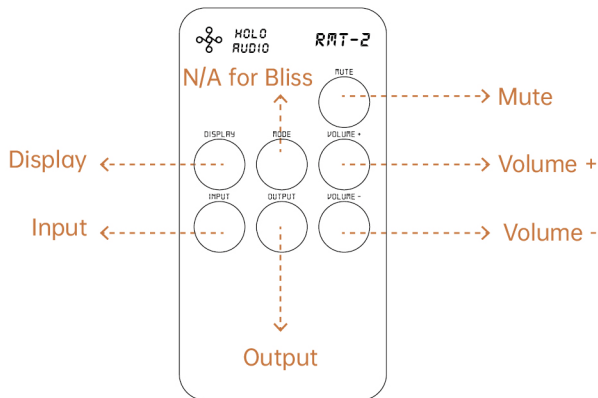
The volume is adjustable in a range of 84dB, each step changes the volume by 1dB. Volume is the maximum when it is set to +12dB, and the minimum when it is -72dB.



REAR PANEL



REMOTE CONTROL



*This is a universal HOLOAUDIO Remote. The MODE (Mode select) button is not applicable to the Bliss “悦” headphone amplifier.

CAUTION / CRITICAL PRODUCT NOTES

User Caution; Product will get hot!

The Bliss requires air ventilation due to its high heat output, please take note of its vent ports. Please leave 2 inches of space for proper airflow around the entire chassis. DO NOT stack on top of HOT equipment, we recommend its own separate shelf or space.

Use attached file "Bliss Heat.jpg" as reference, does not need to be used but format must be followed. Needs to have front facing representation, with feet included.

