



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Head Box DS2 B

Dear music lover,

thank you for purchasing this Pro-Ject Audio Systems' headphone amplifier.

In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse



Important notice

Safety instructions

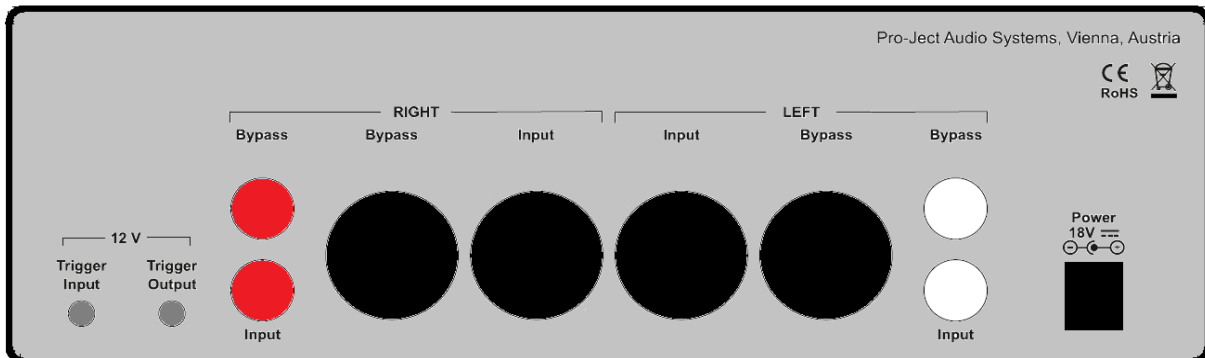
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.

The power supply is used to disconnect the unit from the mains. Make sure that the power supply is easily accessible at all times. Never handle the device, the power supply while your hands are wet or damp.



Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connections



Make all connections, **except the connection to the headphone**, whilst the unit is disconnected from the mains power supply.



Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white.

Never use any other power supply than the one supplied with the unit.

Connection to the amplifier / signal sources

Connect the Fixed output from your amplifier to the **Input** RCA/phono sockets of the headphone amplifier. For balanced (symmetrical) connections use corresponding **Input** XLR sockets

Analogue signal sources like CD players, streamers or tuners can be connected to the **Input** sockets directly.

Bypass output

The XLR and RCA socket marked **Bypass** can be connected to the input sockets of your recorder.

Mains power connection and methods to switch the unit on and off

Connect the low voltage plug from the power supply to the **Power 18V** socket of the headphone amplifier **before** connecting the power supply to the mains. The unit can be switched on and off by using 2 different methods which are equal in priorities.

1. Using front pushbutton to switch on or into standby

The pushbutton on the front panel of the unit alternately turns the power on or returns it to standby mode. The blue LED on the front panel shows that the unit is powered on. If a trigger signal is present the unit can't be switched off by the pushbutton.

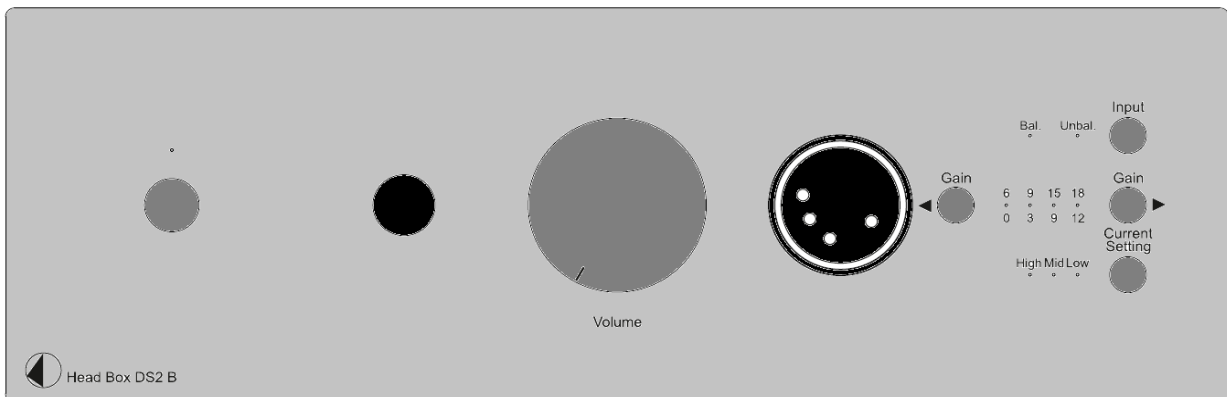
2. Remote power on - triggers

The unit can be switched on via other Box Design components when a 12V trigger voltage is present at the 2.5mm socket marked **Trigger Input**. Special power-on cables (polarity $- \ominus +$) in diverse lengths are available as accessories. The remote power-on signal can be relayed to further units via the **Trigger Output** socket. When the 12V trigger signal is switched off, the unit will also switch off.



Trigger cables may only be plugged into the sockets when the unit is disconnected from the power supply and from the mains. Failure to do so may result in damage of the unit.

Front panel controls



Input selector

Pressing **Input** button selects the Balanced - XLR (**Bal.**) or Unbalanced - RCA (**Unbal.**) inputs.

Connecting a headphone

Connect the unbalanced headphones to the 1/4" (6,3mm Ø) jack socket on the left side of the front panel. Balanced Headphones connector is located on the right side of the front panel.

Gain

Gain of the amplifier can be set in 4 steps (0dB, 3dB, 9dB or 12dB) for unbalanced input and (6dB, 9dB, 15dB or 18dB) for balanced input. Use the buttons ◀ ▶ next to the LED's to set the desired gain.

Current Setting

Button **Current Setting** adjust the output current of the headphone amplifier in 3 steps: **High**, **Mid** and **Low**. Indicated by corresponding LED.

Volume

Adjust the volume to the desired level using the knob on the front panel.



Please set the volume level to minimum before connecting the headphone.

Potential incorrect use and fault conditions

No signal on one or both channels:

No connection between headphone and headphone amplifier or amplifier. This could be due to a faulty plug, broken wire or solder joint or simply loose plug/socket connection.

Headphone does not work:

Headphone volume control is at minimum.

Amplifier Tape-Monitor circuit is not activated.

Technical specifications Pro-Ject Head Box DS2 B

Power output:	250mW/8ohms, 550mW/33ohms, 290mW/300ohms
Headphone connection:	>8ohms
Signal to noise:	98dB (A weighted) at full output
Frequency response:	20Hz - 20kHz/- + 0,2dB
THD:	0,02%
Gain for balanced input:	6, 9, 15, 18 dB without load
Gain for unbalanced input:	0, 3, 9, 12 dB without load
Headphone jack:	Unbalanced: 3-pole ¼" (6,3mm Ø) co-axial jack Balanced: 4pin XLR female
Line-level input:	1 pair RCA/phono sockets, 1 pair XLR
Bypass output:	1 pair RCA/phono sockets, 1 pair XLR
Trigger output/input:	12V (2,5mm jack)
Outboard power supply:	18V/1A DC, suitable for your country's mains supply
Power consumption:	<1W in standby
Dimensions W x H x D with sockets:	Aluminium 206 x 71 x 218mm Wood 240 x 72 x 218mm
Weight:	Aluminium 1461g, Wood 1940g (without power supply)

Service

Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons, release the manufacturer from any liability over and above the lawful rights of the customer.

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