



INSTRUCTIONS FOR USE  
Pro-Ject Head Box S3 B

Dear music lover,

thank you for purchasing a 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

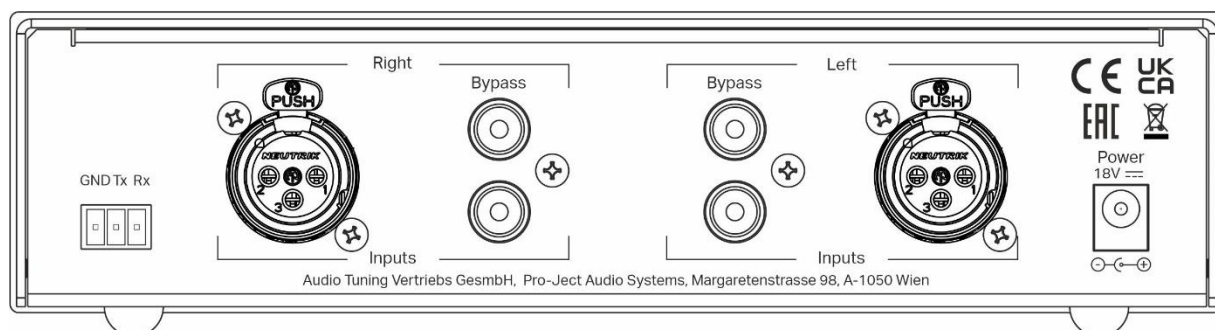
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.



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 or 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.

## Connectors



Make all connections whilst the preamplifier is **disconnected** from the 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.

## Mains power connection

Connect the low voltage plug from the power supply to the **Power 18V DC** socket before connecting the power supply to the mains.

## Connection to the amplifier / signal sources

Connect the Fixed output of your amplifier or source (like CD players, streamers, D/A converters, etc) to the **In** RCA or XLR sockets of the headphone amplifier. Both inputs can be connected at the same time, the RCA or XLR source input is selected on the front panel.

## Bypass output

The unit is equipped with a pair of analogue loop output RCA sockets on the back panel, this output will pass on the signal untouched to an additional amplifier. Connect the **Bypass** RCA socket to a line input on your amplifier.

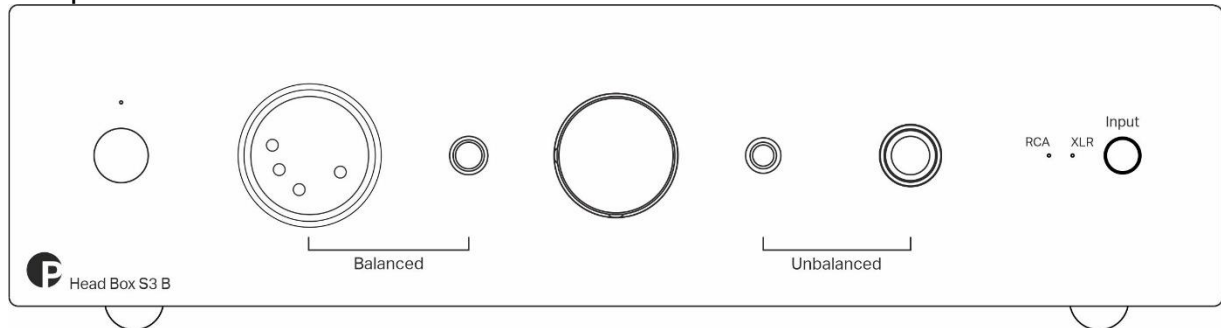
## RS232

RS232 is a widely used control protocol used in custom integration to remotely control and integrate devices into a larger system. Home theatre, public address systems, lobby background music, hotels, ....

The RS232 documentation can be downloaded on the product website:

<https://www.project-audio.com/en/product/head-box-s3-b/#downloads>

### Front panel



### Headphone connection

The unit offers four sockets for headphones: one 3.5mm jack and one 6.3mm jack for unbalanced headphones. One 4 pin XLR connector and one 4.4mm stereo balanced jack for balanced headphones. Headphone outputs can be used simultaneously.



*In case of using two or more headphones at the same time, the output power is split into each headphone according to their impedance values.*

### Input

Pressing **Input** button selects the Balanced - **XLR** or Unbalanced - **RCA** inputs.

### Stand-By

The button on the front panel of the unit alternately turns the power on or returns it to standby mode. The blue LED above the stand-by push button shows that the unit is switched on.

### Volume

Adjust the volume to the desired level by using the knob on the right side of the front panel. Listening at too loud volumes can damage your hearing, we advise to listen at moderate levels.

## Technical specifications Pro-Ject Head Box S3 B

Input	1 pair RCA sockets, 1 pair XLR sockets
Bypass output	1 pair RCA sockets

### Headphones output connectors

Unbalanced	3.5mm stereo JACK, 6.3mm stereo JACK
Balanced	4.4mm stereo balanced JACK, 4 pin XLR connector

Output Power	480mW/8 Ohm, 680mW/16 Ohm, 820mW/32 Ohm, 320mW/300 Ohm) – balanced output 350mW/8 Ohm, 400mW/16 Ohm, 390mW/32 Ohm, 100mW/300 Ohm – unbalanced output
Gain	12dB / 6dB (RCA In /XLR In) – unbalanced output 15dB / 9dB (RCA In /XLR In) – balanced output
THD	< 0,007% at 1kHz @ 500mV Input – unbalanced output < 0,002% at 1kHz @ 500mV Input – balanced output
Frequency response	< -0,25dB at 20Hz-20kHz
Signal to noise ratio	> 104dB „A“-wt. at 1kHz – unbalanced output > 115dB „A“-wt. at 1kHz – balanced output
Crosstalk	< -67dB at 10kHz – unbalanced output < -81dB at 10kHz – balanced output
Min. recommended headphone impedance	8 Ohm
Outboard power supply	18V/1000mA DC, suitable for your country's mains supply
Power consumption in standby:	<0.5W
Dimensions W x H x D (D with sockets):	206 x 55 x 153 (170) mm
Weight:	950 g without power supply

## Service

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only if the problem cannot be resolved there, the unit should 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 changes 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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Waste from Electrical and Electronic Equipment (WEEE): This directive mandates the collection and recycling of electronics and component materials in order to reduce the amount going to landfills. Outside North America, when the user decides to discard this product, it must be sent to a separate collection facility for recycling. Please contact your point of purchase for more details.