



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Optical Box E

Dear music lover,

thank you for purchasing this Pro-Ject Audio phono amplifier with A/D converter.

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

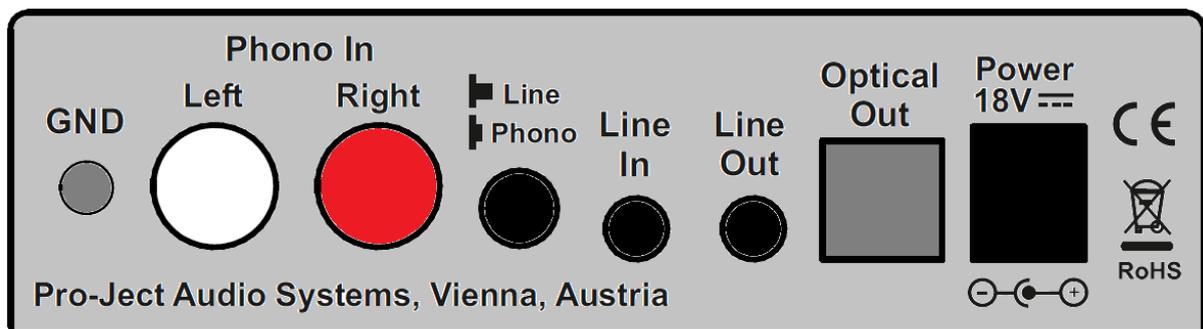
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.

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.

Connectors



Make all connections whilst the phono amplifier 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.



Do not connect the phono amplifiers output to a phono input (sometimes labelled **gram**, **disc** or **RIAA**) on the amplifier.

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

Connecting the record player or a line level source

Connect the tonearm signal lead to the sockets **Phono In** of the phono amplifier. Connect the earthing wire of the tonearm signal lead to the screw terminal, if you encounter hum problems. The signal lead of a line level source has to be connected to the socket **Line In** (jack 3.5mm).

Input selector

Operating the push button **Phono/Line** selects the inputs. "Phono" activates signal from **Phono In** RCA sockets, "Line" activates line level input **Line In**.

Connection to the amplifier (Soundbar, AV receiver etc.)

The unit provides analogue and digital output connection.

Use the analogue **Line Out** output of the unit for connection to a line input (such as **AUX, CD, Tuner, Tape** or **Video**) in your amplifier.

Alternatively the built-in Analogue-to-Digital converter allows to relay signal from inputs (Phono or Line) in digital format (24bits/96kHz) out of the unit using **Optical Out** digital output to the corresponding digital input of the amplifier or any Soundbar, AV-receiver etc.



Output signal is always present on both outputs (analogue and digital).

Mains power connection

Connect the low voltage plug from the power supply to the Power 18V socket of the phono amplifier before connecting the power supply to the mains.

Technical specifications Pro-Ject Optical Box E

Gain, MM:	34dB
SNR:	74dB
THD+N:	0,02% @ 1kHz
RIAA-equalisation curve accuracy:	20Hz - 20kHz / max. 0,5dB
A/D converter:	PCM1808, 24bit/96kHz
Outboard power supply:	18V/500mA DC, suitable for your country's mains supply
Power consumption:	200mA DC
Dimensions W x H x D (D with sockets):	120 x 32 x 100 (106)mm
Weight:	250g without power supply

Potential incorrect use and fault conditions

No signal on one or both channels:

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

Strong hum:

No earth connection from cartridge or arm, or arm cable to phono amplifier, or earth loop.

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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