



BY PRO-JECT AUDIO SYSTEMS

# INSTRUCTIONS FOR USE Pro-Ject Optical Box E Phono

Dear music lover,

thank you for purchasing a 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.

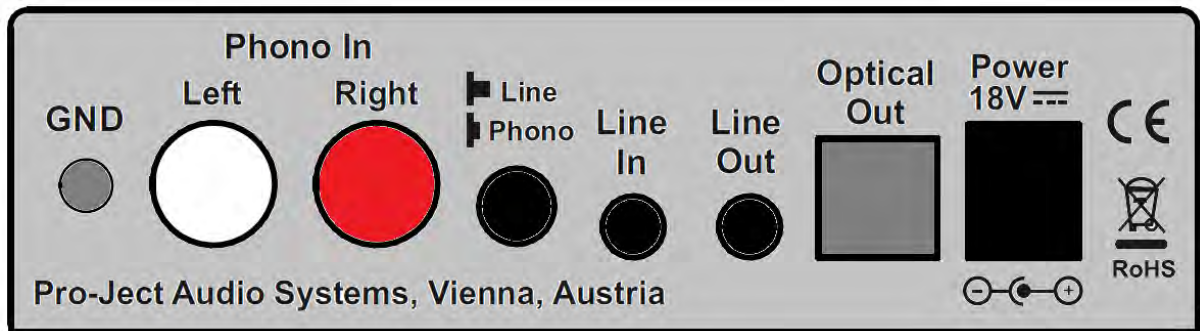


Warning of a hazard for the user, the unit or possible misuse



Important notice

## 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.

## Input selector

Operating the push button **Phono/Line** selects the inputs. "Phono" represents signal from **Phono In** RCA sockets. "Line" activates line level input **Line In** (jack 3.5mm).

## Connecting the record player

Input button set to "Phono".

Connect the tonearm signal lead to the **Phono In** RCA sockets of the phono preamplifier. The earthing wire may be connected to the screw terminal **GND** if you encounter hum problems when using the record player.

## Line level input

Input button set to "Line".

A line level signal source (e.g. tape deck or reel deck) can be connected to the unit using **Line In** socket. Integrated A/D converter relay the signal to digital data using **Optical Out**.

## Sampling frequency

A dip switch located on the bottom of the unit sets the A/D converter output sampling rate to 96kHz or 48kHz. The Switch set towards back side (to the connectors) represent 48kHz. Some of the amplifiers (soundbars etc.) cannot handle sampling frequency higher than 48kHz.

## Connection to the amplifier (Sound Bar, 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 AD converter allows to relay signal from inputs (Phono or Line) in digital format out of the unit using **Optical Out** digital output to the corresponding digital input of the amplifier or any Sound Bar, AV-receiver etc.



Both outputs (analogue and digital) run simultaneously.

## 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 Phono

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 (switchable to 48kHz)
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

## 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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