



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Phono Box

Dear music lover,

thank you for purchasing a PRO-JECT AUDIO phono 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.

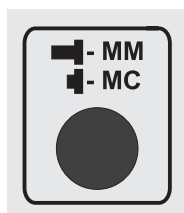


Important notice.

Setting the cartridge mode

The phono amplifier must be used in either MM (moving magnet) or MC (moving coil) mode according to the construction principle of the pickup cartridge to be used. Since most cartridges use the MM (moving magnet) principle the phono amplifier is factory set to operate in this mode. To find out which type your cartridge is please consult the literature accompanying your cartridge. The literature for MC cartridges should also specify the correct impedance and capacity into which the cartridge is designed to work. If in doubt please consult your dealer.

A switch at the back of the phono amplifier sets the correct level of amplification for the cartridge.

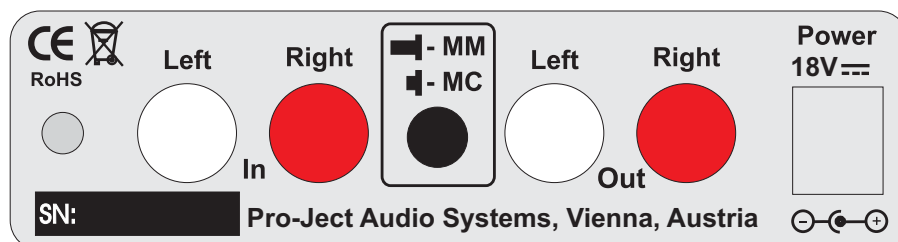


Before setting MM / MC mode the unit must be disconnected from the power supply and amplifier.

Connecting the record player

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

Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white. The earthing wire of the tonearm lead should be connected to the earth terminal.



Connection to the amplifier

Connect the **Out** of the phono amplifier to a line input (such as **AUX, CD, Tuner, Tape** or **Video**) on your amplifier.

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



Make all connections whilst the phono amplifier is disconnected from the power supply.

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

Mains power connection

The phono amplifier is supplied with a power supply suitable for your country's mains supply. Check the label before connecting to ensure compliance with the mains rating in your house. 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 Phono Box

Input impedance, MM / MC:	47kohms/120pF / 100ohms/120pF
Gain, MM / MC:	40dB / 60dB
Output voltage typically, MM / MC:	300mV at 1kHz - 3mV (MM Input) / 0,3mV (MC input)
Max. output:	9,5V (1kHz)
Noise floor, MM / MC:	86dB (94dB - A weighted) / 68dB (75dB - A weighted)
THD, MM / MC:	0,01 / 0,05%
RIAA-equalisation curve accuracy:	20Hz - 20kHz / max. 0,5dB
Input:	1 pair RCA/phono sockets
Line-level output:	1 pair RCA/phono sockets
Outboard power supply:	18V/500mA DC, suitable for your country's mains supply
Power consumption:	18V/80mA DC
Dimensions W x H x D (D with sockets):	103 x 36 x 104 (115)mm
Weight:	570g without power supply

Potential incorrect use and fault conditions

No signal on one or both channels:

No connection between player and phono amplifier ore 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.

Output too quiet or too loud, or distorted:

MM / MC mode incorrectly set - input overloading or insufficiently amplified.

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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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.