



BY PRO-JECT AUDIO SYSTEMS

# INSTRUCTIONS FOR USE Pro-Ject Phono Box *MM*

Dear music lover,

thank you for purchasing a Pro-Ject Audio Systems 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*

## Safety instructions

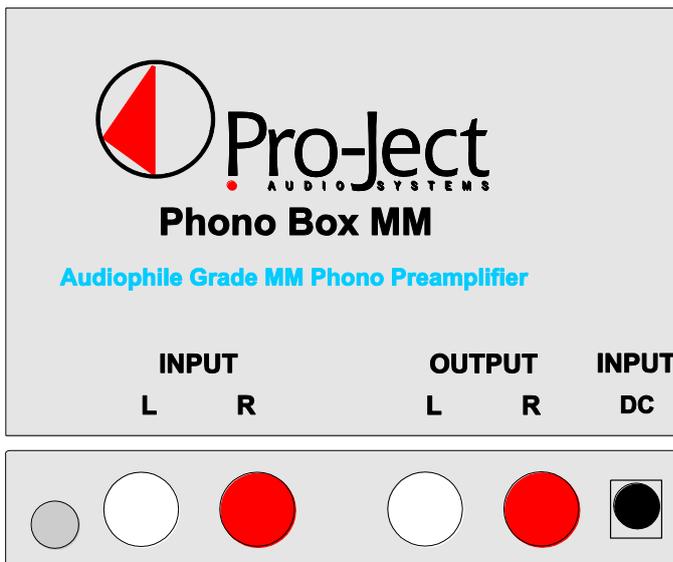
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.



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 (MM or high output MC cartridges only)

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

## Connection to the amplifier

Connect the **OUTPUT** of the phono amplifier to a line input (such as **AUX, CD, Tuner, Tape** or **Video**) on your 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 **INPUT DC** socket of the phono amplifier before connecting the power supply to the mains.

## Technical specifications Pro-Ject Phono Box MM

\* typical for MM or high output MC cartridges

Input capacitance/input impedance, MM:	47kohms/120pF *
Gain:	40dB
Output voltage typically:	500mV/1kHz at 5mV/1kHz
Noise floor:	88dB (A weighted)
THD:	<0,04%
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:	20mA DC
Dimensions W x H x D (D with sockets):	107 x 30 x 61 (75)mm
Weight:	280g without power supply

## Potential incorrect use and fault conditions

No signal on one or both channels:

No connection between player 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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