



INSTRUCTIONS FOR USE Pro-Ject Tube Box II

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.

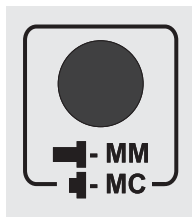


Important notice.

Setting the cartridge mode

The Phono Box 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. To find out which type your cartridge is please consult the literature accompanying your cartridge. If in doubt please consult your dealer.

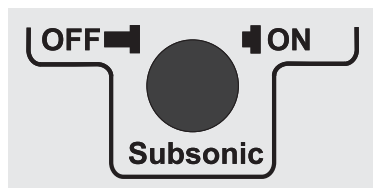
A switch at the back of the Tube Box sets the correct level of amplification for the cartridge.



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

Subsonic filter

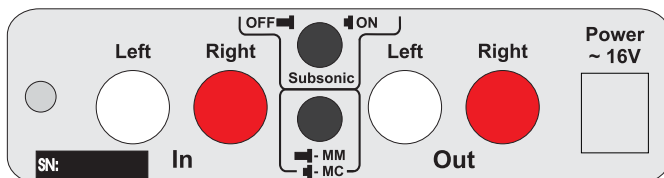
A switch at the back of the Tube Box activates and deactivates the subsonic filter.



Connecting the record player

Connect the tonearm signal lead to the **In** of the Tube Box. 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.



Connection to the amplifier

Connect the **Out** of the Tube Box 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 Tube Box is disconnected from the power supply.

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

Mains power connection

The Tube Box 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 ~16V** socket of the Tube Box before connecting the power supply to the mains. The blue LED on the unit's front will light up once the Tube Box is properly connected to the power supply.

Technical specifications Pro-Ject Tube Box II

Tubes:	2 x ECC83 (12AX 7A)
Input impedance, MM / MC:	47kohms/120pF / 100ohms/120pF
Gain, MM / MC:	40dB / 60dB
Output voltage typically, MM / MC:	300mV at 1kHz for 3mV (MM Input) / 0,3mV (MC input)
Noise floor, MM / MC:	84dB (94dB - A weighted) / 67dB (75dB - A weighted)
THD, MM / MC:	0,05% / 0,08%
RIAA-equalisation curve accuracy:	20Hz - 20kHz / max. 0,5dB
Subsonic filter:	at 18Hz with 18dB/octave
Input:	1 pair RCA/Phono sockets
Line-level output:	1 pair RCA/Phono sockets
Outboard power supply:	16V/1.000mA AC, suitable for your country's mains supply
Power consumption:	16V/410mA AC
Dimensions W x H x D (D with sockets):	103 x 76 x 125 (137)mm
Weight:	810g 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.