



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Phono Box S

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.

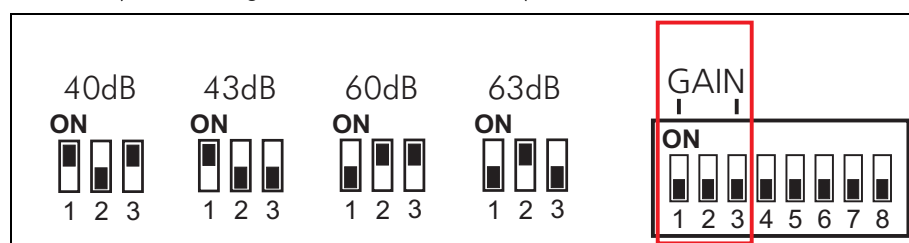
Setting

Use the dip switches at the bottom of the unit to set gain, load capacity and the load impedance. Please set both channels equally.

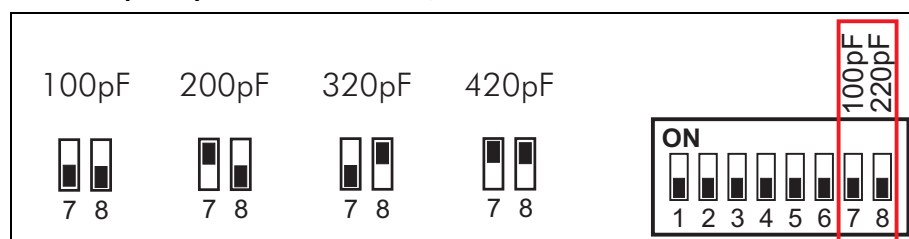


To alter settings the unit must be disconnected from the power supply and amplifier.

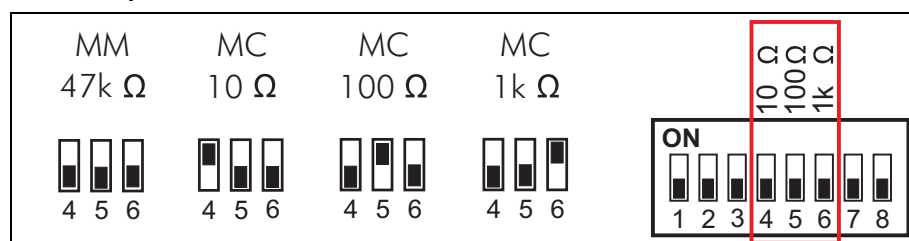
Gain – (other settings are not recommended)



Load capacity at 47kohms – (* load capacity is irrelevant for low-output MC cartridges)



Load impedance



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 load impedance into which the cartridge is designed to work. If in doubt please consult your dealer.

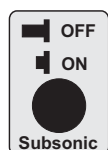
Examples of typical settings

Ortofon 2M Red (MM) - gain 40dB, load capacity 220pF, load impedance 47kohms

Sumiko Blue Point 2 (high-output MC) - gain 43dB, load capacity 100pF, load impedance 47kohms

Ortofon Rondo Red (low-output MC) - gain 60dB, load capacity *, load impedance 10ohms

Subsonic filter

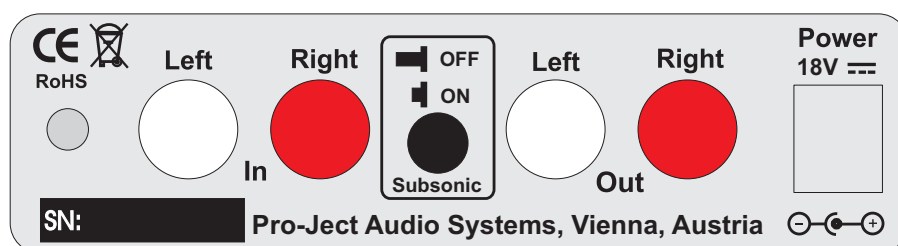


A switch at the back of the phono amplifier activates and deactivates the subsonic filter.

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.

Stand-By

The button on the front panel of the unit alternately turns the power on or returns it to standby mode. The blue LED on the front panel shows that the unit is powered on.

Technical specifications Pro-Ject Phono Box S

Load capacities:	100, 200, 320 and 420pF
Load impedances:	10ohms, 100ohms, 1kohms and 47kohms
Gain, MM and MC:	40, 43, 60 and 63dB
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. 0,4dB
Subsonic filter:	at 20Hz with 12dB/octave
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 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.

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.