



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Record Box E

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.

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.

Mains power connection

Connect the low voltage plug from the power supply to the **Power 18V DC** socket of the phono amplifier before connecting the power supply to the mains.

Connecting to a Computer

Connect the USB-output of the unit to a free USB-socket on your computer and turn it on/make sure it is powered on.

The "new hardware found assistant" will automatically detect the unit and announces it as a **Microphone USB audio codec**. There is no need to install a driver manually.

After installation, one setting has to be done. For example - Windows 7® operating system:

→ Control Panel → Sound → Recording → **Microphone USB Audio CODEC** → Properties →

Advanced: set to **2 channel, 16 bit, 48000 Hz (DVD Quality)**



Please note: Connection should be made to an USB-socket of your computer directly. Connecting to USB-hubs or switches can cause problems.

Recording Programme

In case you do not have a recording programme installed on your computer, you may download one free from the Internet. Recording programmes may be found by searching Google or Yahoo.

*In the menu of the recording programme, source or input may have to be set to **Microphone USB audio codec**.*



Please be aware that downloads from the Internet are made entirely at your own risk. Under no circumstances can we carry responsibility or provide support for third-party software products sourced from the internet or for any damage or problems arising from the use thereof. All downloads should be checked with an up-to-date anti-virus programme. License fees may be applicable.

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.

Technical specifications Pro-Ject Record Box E

^A Typical for low output MC cartridges, ^B typical for MM or high output MC cartridges

Input capacitance/input impedance, MC: 100ohms/120pF ^A

Input capacitance/input impedance, MM: 47kohms/120pF ^B

Gain, MM:	40dB
Output voltage typically:	300mV/1kHz at 3mV/1kHz (MM input)
Gain, MC:	60dB
Output voltage typically:	300mV/1kHz at 0,3mV/1kHz (MC input)
Max. output	9,5V (1kHz)
Noise floor, MM:	94dB (A weighted)
Noise floor, MC:	75dB (A weighted)
THD, MM:	<0,01%
THD, MC:	<0,05%
RIAA-equalisation curve accuracy:	20Hz - 20kHz / max. 0,5dB
A/D converter:	Burr Brown PCM2904 16-Bit Delta Sigma
Sampling rates:	32, 44,1 and 48kHz
USB output:	5 pin mini b connector
USB signal:	digital serial data protocol USB 1.1
Operating systems:	Windows XP®, Windows VISTA®, Windows 7®, Windows 8®, Mac OS
THD:	0,005%
Noise floor:	96dB
Dynamic range:	93dB
Outboard power supply:	18V/500mA DC, suitable for your country's mains supply
Power consumption:	100mA DC
Dimensions W x H x D (D with sockets):	120 x 32 x 100 (115) 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 if the problem cannot be resolved there, the unit should 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 changes 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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