



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject Speed Box DS

Dear music lover,

thank you for purchasing a Pro-Ject Audio Systems Speed Box DS. * The unit permits electronic speed change of your Pro-Ject record player between 33 and 45 r.p.m. and also permits the replay of shellac records by allowing ** 78 r.p.m. with an appropriate pulley and cartridge.

The replay speed can be increased and decreased in twenty steps of 0,1 r.p.m.

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.

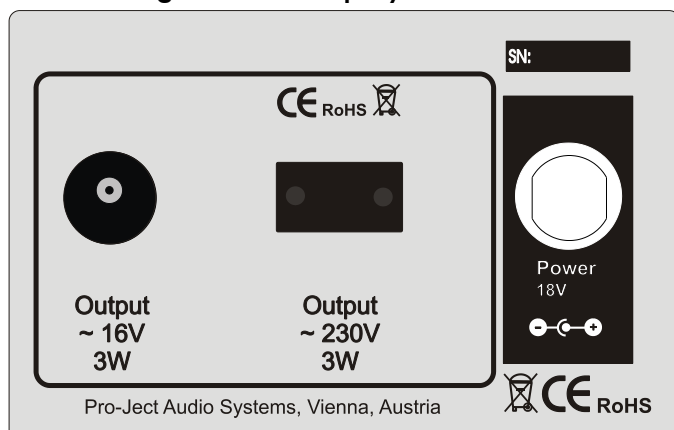


The power supply is used to disconnect the unit from the mains. Make sure that the power supply is easily accessible at all times. Never handle the device, the power supply while your hands are wet or damp.

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.

Connecting the record player



Connect the power cable supplied *** (polarity --(+) to the **Output ~16V 3W** socket on the Speed Box DS and to the power socket on your turntable. The original power supply is then no longer required.

Turntables without an external AC power supply should be connected to the **Output** socket (50Hz models to **Output ~230V 3W**) on the Speed Box DS. Check the label before connecting to ensure compliance with the mains rating in your house.



Make all connections whilst the Speed Box is disconnected from the power supply.

Never use any other power supply than the one supplied with the unit.

Speed Box DS is suitable for turntables which are running with a 16V/AC(190mA) power supply or a direct connection to 230V/AC(13mA). The Speed Box DS is not designed to run with capacitive loads. It is not possible to use both ~16volt and ~230volt outputs at the same time.



* **Compatibility:** Speed Box DS may not be used with Pro-Ject turntables with a built-in electronic speed change, a DC power supply, an automatic switch-off, an integrated Phono preamp (with or without USB), for instance Phono- and Phono/USB models, Debut Carbon (DC), Debut Carbon Esprit (DC), Debut Carbon Esprit SB (DC), Debut III E, Juke Box, Elemental, RPM 6.1 SB, 1Xpression III Comfort, 2Xperience Comfort, Xtension9, Xtension10, Xtension12, Signature10, Signature12

Mains power connection

The Speed Box DS 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 socket **Power 18V** before connecting the power supply to the mains.

Stand By

Press and hold the button **St.By** to put the Speed Box DS into stand by. Pressing the button **St.By** will switch on the Speed Box DS from stand by.

Switching on and off

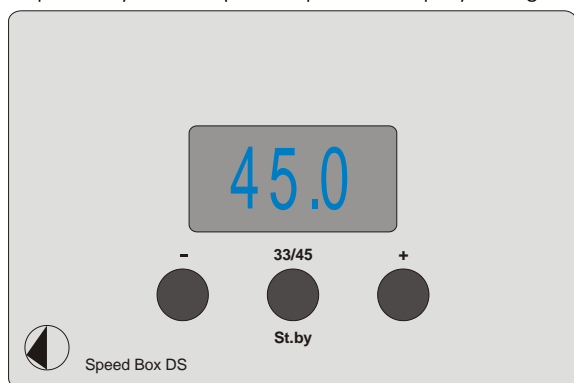
Pressing the power switch of your Pro-Ject turntable alternately starts or stops the motor.

Speed selection 33/45 r.p.m.

The belt must be on the smaller (50Hz models) larger (60Hz models) diameter part of the motor pulley. Press the speed change button **33/45** to switch between 33 and 45 r.p.m.. The selected speed will be displayed digitally. To play at 45 or ** 78 r.p.m. please always start the turntable at 33 r.p.m. and then switch to the higher speed when it has attained full speed.

Pitch control

Repeatedly pressing the **+** or **-** buttons increases or decreases the replay speed in twenty steps of 0,1 r.p.m. respectively. The adjusted speed is displayed digitally.



Replay at 78 r.p.m.

** In order to replay shellac records at 78 r.p.m. your turntable must be equipped with the 78 r.p.m. pulley which is available as an optional accessory for most models. With the 78 r.p.m. pulley the belt must be on the smaller diameter part of the motor pulley to switch between 33 and 45 r.p.m..

After fitting the 78 r.p.m. pulley please proceed as follows: Remove the platter and using the tool from the accessory kit fit the belt around the larger diameter step of the pulley. Replace the Platter, start the turntable at 33 r.p.m. and switch the speed to 45 r.p.m., the platter will then revolve at 78 r.p.m..



Playing 78 r.p.m. the digital display will still show 45 r.p.m..

Fitting the 78 r.p.m. pulley

Before beginning work fit the cartridge's needle protection cover.

Remove the platter and drive belt. Please remember that sweat or sticky fingers will impair the function of the belt. Use a piece of kitchen paper or a cloth to remove the belt.

Measure the height of the pulley above the plinth in order to ease correct refitting.

Using a small screwdriver loosen the grub screw in the neck of the pulley just enough to remove the pulley vertically without using force. Refit the pulley in the opposite order. Tighten the grub screw carefully making sure you do not overtighten it.

Fit the drive belt around the subplatter and the pulley. Again, use a piece of paper or cloth to avoid soiling the belt. Replace the platter.



*** 78 r.p.m. is not available with all Juke Box, Elemental, Essential, Essential II and Debut Carbon models, all Phono and Phono/USB models, all models with Automatic switch-off (like Debut III E), 1Xpression Carbon, 1Xpression Carbon Classic 2Xperience Basic+, 2Xperience Comfort, 2Xperience Acryl, 2Xperience DC Acryl, 2Xperience Classic, 2Xperience SuperPack, 2Xperience SB DC, 6PerspeX, 6PerspeX SuperPack, all RPM Carbon models, RPM 1.3 Genie, RPM 9.1, RPM 9.1 SuperPack, RPM 9.1 Acryl, RPM 9.2 Evolution, RPM 10.1 Evolution and Signature 10/12.*

The models Debut III/Phono SB, Debut Carbon Esprit SB (DC), 1Xpression III Comfort, RPM 5 SuperPack, RPM 5.1 SuperPack, RPM 6.1 SB, RPM 6.1 SB SuperPack, Xtension 10 and Xtension 12 are equipped with the 78 r.p.m. pulley as a standard.

Technical specifications Pro-Ject Speed Box DS

Nominal speeds:	* 33 and 45 r.p.m. ** Optional 78 r.p.m.
Quartz oscillator:	Speed stability $\pm 0,001\%$
Pitch control:	± 20 steps/0,1 r.p.m.
*** Length power cable:	approximately 40cm
Turntable connection:	16V/AC 190mA max. (3W power consumption max.)
120V model only:	120V/AC 25mA max. (3W power consumption max.)
230V model only:	230V/AC 13mA max. (3W power consumption max.)
Outboard power supply:	18V/1.000mA DC, suitable for your country's mains supply
Dimensions W x H x D (D with sockets):	103 x 72 x 144 (144)mm
Weight:	1.360g without power supply

Service

Should you encounter a problem which you are not able to alleviate or identify, 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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