



Pro-Ject Juke Box E Record Player User Guide

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Pro-Ject Juke Box E Record Player



Product Information

Specifications

- Model: Pro-Ject Jukebox E
- Power Supply: Not shown*

Controls, Features, and Connections

The Pro-Ject Jukebox E record player offers the following controls, features, and connections:

Power Supply

The power supply is used to connect and disconnect the unit from the mains. Ensure that the plug is easily accessible at all times. When unplugging the power cord, hold the plug and never handle the power cord with wet or damp hands.

Safety Instructions

- Avoid letting liquids enter the device. Do not place any item containing liquid, like a flower vase, on or near the device. Do not spill any liquid on the device. Avoid placing naked flame sources, like lighted candles, on or near the device. The product should not be used in damp or wet locations, next to a bathtub, sink, swimming pool, or any other similar conditions.
- Keep plastic bags away from children to prevent any risk of suffocation.

Platter and Drive Belt Installation

Before using the record player, follow these steps to install the platter and drive belt:

1. Remove the brown paper insert that holds the platter in the transport position.
2. Place the felt mat on top of the platter.
3. Install the drive belt according to the provided illustration.

Cartridge Downforce Adjustment

The Pro-Ject Jukebox E comes with a pre-set counterweight suitable for cartridges weighing between 3 – 7g. If necessary, follow these instructions to adjust the tracking force:

1. Place the stylus pressure gauge onto the platter.
2. To adjust the amount of pressure, carefully move the counterweight along the support rod until the stylus pressure is sufficient to raise the pressure gauge to the level position.
3. Moving the counterweight away from the cartridge will reduce pressure while moving towards it will increase pressure.
4. Finally, secure the counterweight using the provided hexagonal key.

Connectors

Take care to connect the left and right channels correctly. The right channel is usually marked red, while the left channel is marked black or white.

Connection to the Speakers

The output terminals accept loudspeaker cables terminated with 4mm Banana plugs, spade connectors, or naked wire.

Line Output

A power amplifier or active loudspeaker can be connected to the output sockets marked Line OUT (15).

Phono Output

To use an external phono preamplifier, connect the RCA sockets marked Phono OUT (16). If you encounter hum problems when using the turntable, you may connect the earthing wire to the screw terminal.

FAQ

- **What is the suitable weight range for cartridges on the Pro-Ject Jukebox E?**

The supplied counterweight is suitable for cartridges weighing between 3 – 7g.

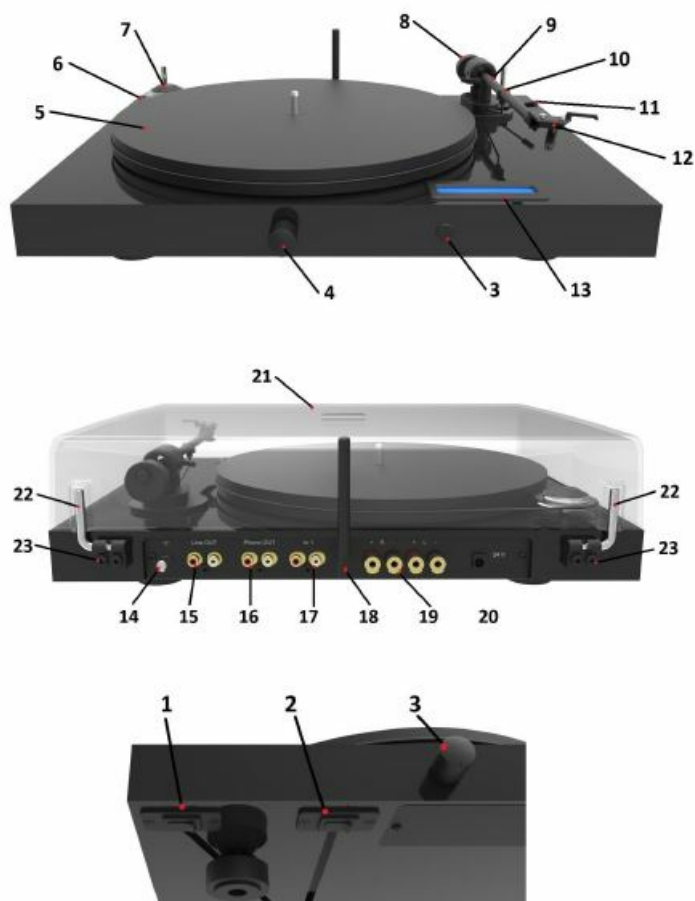
- **How do I adjust the tracking force on the Pro-Ject Jukebox E?**

To adjust the tracking force, place the stylus pressure gauge onto the platter and carefully move the counterweight along the support rod until the desired pressure is achieved.

- **What connectors are compatible with the Pro-Ject Jukebox E?**

The Pro-Ject Jukebox E accepts loudspeaker cables terminated with 4mm Banana plugs, spade connectors, or naked wire.

Controls, features and connections



1. TURNTABLE MOTOR SWITCH
2. AMPLIFIER ON/OFF SWITCH
3. REMOTE CONTROL
4. INPUT SELECTOR, VOLUME CONTROL
5. PLATTER
6. DRIVE BELT
7. STEPPED DRIVE PULLEY
8. TONEARM COUNTERWEIGHT
9. TONEARM TUBE
10. TONEARM REST AND REMOVABLE TRANSPORT LOCK
11. TONEARM LIFT LEVER
12. HEADSHELL WITH FINGER LIFT
13. TURNTABLE DISPLAY
14. EARTH CONNECTION
15. LINE OUTPUT
16. PHONO OUTPUT
17. LINE INPUT
18. BT ANTENE
19. SPEAKERS OUTPUT
20. POWER SUPPLY SOCKET
21. LID

22. LID HINGE

23. HINGE FASTENERS POWER SUPPLY (NOT SHOWN)

Dear music lover,

Thank you for purchasing a record player from Pro-Ject Audio Systems.

In order to achieve maximum performance and reliability with this record player you should study these instructions for use carefully

Warning of a hazard for the user, the unit or possible misuse

Important notice

The following instructions for adjusting the cartridge are provided in case the cartridge is replaced by a different model at a later date.

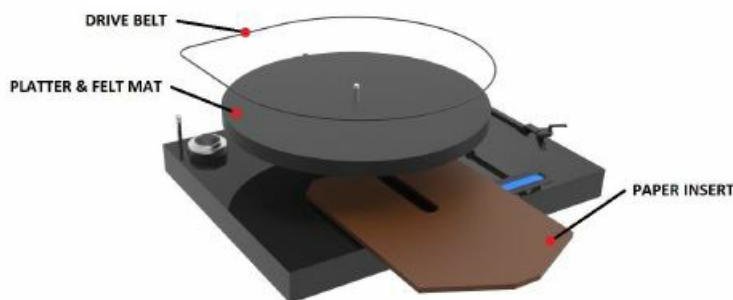
During assembly and adjustment of the deck small parts could be lost if not carefully placed in a suitable receptacle. Before starting assembly make get familiar with the parts listed above and correspondingly numbered in the technical drawings above. Separately packed items are marked with an asterisk *.

Safety instructions

- The power supply is used to connect and disconnect the unit from the mains. Make sure that the plug is easily accessible at all times. Hold the plug when unplugging the power cord. Never handle the power cord while your hands are wet or damp.
- Avoid letting liquids enter the device. Never place any item containing liquid, like a flower vase, on or near the device. Never spill any liquid on the device. Never place any naked flame sources, like 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.
- Keep plastic bags away from children to prevent any risk of suffocation.

Platter and drive belt installation

Please remove the brown paper insert which holds the platter in the transport position. Put the felt mat on the top of the platter. Install the drive belt as shown in the following illustration



Cartridge downforce adjustment

The counterweight (8) supplied is suitable for cartridges weighing between 3 – 7g (weight no. 81). The counterweight is pre-set perfectly from the factory.

In case you need to set the tracking force, please read the following instructions: Place the stylus pressure gauge onto the platter. To adjust the amount of pressure, carefully move the counterweight along the support rod, until the stylus pressure is sufficient to raise the pressure gauge to the level position. Moving the counterweight away from the cartridge will reduce pressure and will increase pressure. Finally, secure the counterweight using the hexagonal key provided.

If the stylus gauge becomes level, then the correct pressure has been achieved. However, if there is insufficient or excessive pressure the gauge will either not move or tilt down



Connectors



Take care to connect the left and right channels correctly. The right channel is usually marked red, and the left channel is black or white.

The red speaker terminals carry the positive signal (+), the black speaker terminals the negative signal (-). Make sure the polarity of the connection is correct at each end of the cables.

Connection to the speakers

The output terminals accept loudspeaker cables terminated with 4mm Banana plugs, spades connectors or naked wire.

Line output

A power amplifier or active loudspeaker can be connected to the output sockets marked Line OUT (15).

Phono output

To use an external phono preamplifier, connect the RCA sockets marked Phono OUT (16). The earthing wire may be connected to the screw terminal if you encounter hum problems when using the turntable.

Line inputs

Line-level sources such as CD players, radio or TV can be connected to the input sockets marked In1 (17).

Mains power connection

Connect the low-voltage plug from the power supply to the 24V socket (20) before connecting the power supply to the mains.

Switching ON and OFF (turntable motor)

The rocker switch (1) on the bottom turns the motor of the turntable

To switch on from standby or to standby (amplifier)

The rocker switch (2) on the bottom turns the unit on or back into standby.

Control of the unit using the knob on the front

Standby

After the unit is powered on by the rocker switches on the bottom, pressing the knob for 3 seconds, turns the unit on. For turn the unit back to standby press the knob again for 3 seconds

It is important to turn the unit to standby before it's powered off by the switch on the bottom. To not follow this step may cause damage to the speakers.

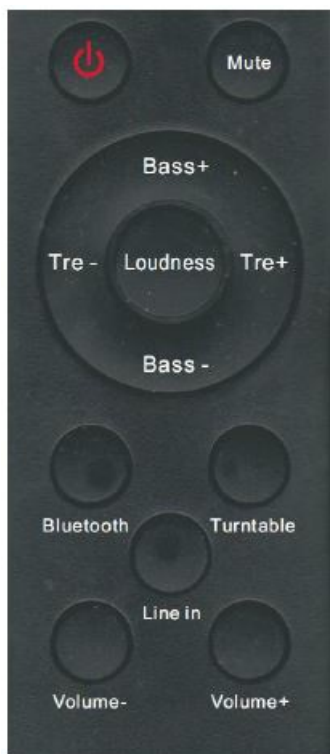
Input selector

After the unit is turned on, pressing the button in the middle selects the desired input. After starting BT input is always selected. Pressing the input button changes inputs in the following order: BT > Turntable > Line In. BT input gives a “beep” sound when selected. Selected input is indicated on the top line of the display.

Volume

Adjust the volume to the desired level by rotating the knob. Volume can be set in 33 steps (0-32) and is indicated on the bottom line of the display

Remote control



- The red button turns the unit on or back into standby
- Mute activate/deactivate mute
- Bass+/Bass-/Treble+/Treble- tone control
- Loudness activate/deactivate Loudness
- BT/Turntable/Line in direct access to input
- Volume+/Volume- adjust volume

BT connection

- BT is active only when BT input is selected.
- Juke Box E remembers last paired unit and reconnects automatically when available and if the BT device allows automatic reconnections.
- Juke Box E doesn't request any pairing code confirmation.
- Only one active BT connection is possible at a time. If the unit can't be found in BT search window in a mobile device, make sure that there is no other active BT connection.

BT input gives 2 different “beeps”

- The first appears when BT input is selected. And in case of BT device disconnects.

- Second, appears when BT device is found and connected.

Pairing with Android devices

Open Settings and tap on BT. Turn on BT and tap on Scan. Searched devices will show up. Tap on “Juke Box E”.

Pairing with Apple devices

- Tap on Settings, tap on BT, and turn on BT. Your device will automatically start searching for available devices.
- Tap on “Juke Box E”.

Fitting the lid

Fit the lid (dust cover) carefully over the lid hinges (22) and adjust the screws (23) until the lid stays open where you want it to without being too stiff to open or close.

Changing replay speed

Put the belt (6) over the larger diameter part of the motor pulley (7). To revert to 33 r.p.m. repeat the proceedings using the smaller step on the pulley.

For detailed product information please refer to the Pro-Ject web site www.project-audio.com.

Maintenance and cleaning

- Your record player requires little or no regular maintenance. Remove dust with a slightly moistened antistatic cloth. Never use a dry cloth because this will create static electricity which attract more dust!
- Antistatic cleaning fluids are available at specialist stores but must be applied sparingly to avoid damage to rubber parts. It is recommended to fit the needle cover before cleaning or maintenance is carried out to avoid damage.
- If the player is not used over a long period of time the drive belt can be removed to prevent unequal stretching.
- Always disconnect the record player from the mains power supply as a precaution before maintenance!

Mounting and connecting the cartridge

All cartridges with half inch mounting holes can be fitted. Leaving the needle's protection cover on, fit the cartridge to the headshell (14) using the screws supplied with the cartridge by passing one screw through each slot in the headshell (14). Do not tighten the nuts yet.

Connect the tonearm wires to the cartridge pins as follows:

- white left channel positive (L+)
- red right channel pos. (R+)
- green right channel return (R -)
- blue left channel return (L -)

The full sound quality of the record player can only be achieved if the cartridge is correctly adjusted. Particular tools like the Pro-Ject alignment tool “Align IT” are required to accomplish this job properly.

If you are not well acquainted with the adjustment of cartridges you are advised to call upon the willing help of your Pro-Ject dealer to accomplish this task for you.

Please note: Adjusting a cartridge and tonearm calls for the greatest care in order to avoid damaging the cartridge or tonearm bearings. Leave this work to your dealer if you are in any way unsure of the necessary steps

and precautions to be taken

Useful tips

The record player should be positioned on a low-resonance surface such as wood or multiple layer ply board to avoid structural vibrations disturbing replay.

Technical specifications

Technical specifications Pro-Ject Jukebox E / Pro-Ject 8.6 E

Turntable

- Nominal speeds 333/45 r.p.m.
- Speed variance 333: $\pm 0,80\%$ 45: $\pm 0,70\%$
- Wow and flutter 333: $\pm 0,29\%$ 45: $\pm 0,27\%$
- Signal to noise – -65dB
- Effective tonearm mass 88,0g
- Effective tonearm length 8 8,6" (218,5mm)
- Overhang 222,0mm

Amplifier

- Power output 2 x 50W at 4 ohms
- SNR -75dB
- Volume control 32 step
- THD +N 0,5% at 1kHz, RL = 8 ohms, P = 1W
- Crosstalk -80 dB
- Phono amplifier Moving magnet (MM)
- Phono gain: 43dB
- Line level inputs 2 pairs RCA
- Amplifier gain 32 dB
- BT 2.1 + EDR
- Treble equalizer +- 12dB
- Bass equalizer +- 12dB

General

- Replacement battery remote control 2 x AAA
- Power consumption 4,5W
- Outboard power supply 24V/4A DC
- Dimensions (W x H x D) 415 x 118 x 334mm
- Weight 5,0kg
- Dimensions packaging (W x H x D) 488 x 235 x 393mm
- Weight incl. packaging 7kg

Potential incorrect use and fault conditions

Pro-Ject turntables are manufactured to the highest standards and undergo strict quality controls before leaving the factory. Faults that may possibly occur are not necessarily due to material or production faults but can sometimes be caused by incorrect use or unfortunate circumstances. Therefore the following list of common fault symptoms is included.

The platter doesn't turn although the unit is switched on:

- The unit is not connected to the mains power supply.
- No mains at the socket.
- The drive belt is not fitted or has slipped off.

No signal through one or other channel or both channels:

- No signal contact from the cartridge to the internal tonearm wiring or from that to the arm lead or to the phono box or between that and the amplifier. This could be due to a faulty plug, broken wire or solder joint or simply a loose plug/socket connection.
- Phono input not selected at the amplifier.
- An amplifier is not switched on.
- Amplifiers or speakers are defective or muted.
- No connection to the loudspeakers.

Strong hum on phono input:

No earth connection from cartridge or arm or arm cable to an amplifier, or earth loop.

Distorted or inconsistent sound from one or both channels:

- The record player is connected to the wrong input of the amplifier, or the MM/MC switch is incorrectly set.
- Needle or cantilever damaged.
- Wrong r.p.m., drive belt overstretched or dirty, platter bearing without oil, dirty or damaged

Service

- Should you encounter a problem that 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.
- Guarantee repairs will only be affected if the unit is returned correctly packaged. For this reason, we recommend keeping the original packaging.
- Never return a record player without making sure that it is safely disassembled and correctly packaged in the original packaging according to the diagrams on the last page of this user guide. Please remove these parts and pack them separately: lid, counterweight (4), anti-skating weight (10), and belt (22).
- Fit the cartridge protection cap and the transport lock for the tonearm tube (66), prior to carefully packaging the record player

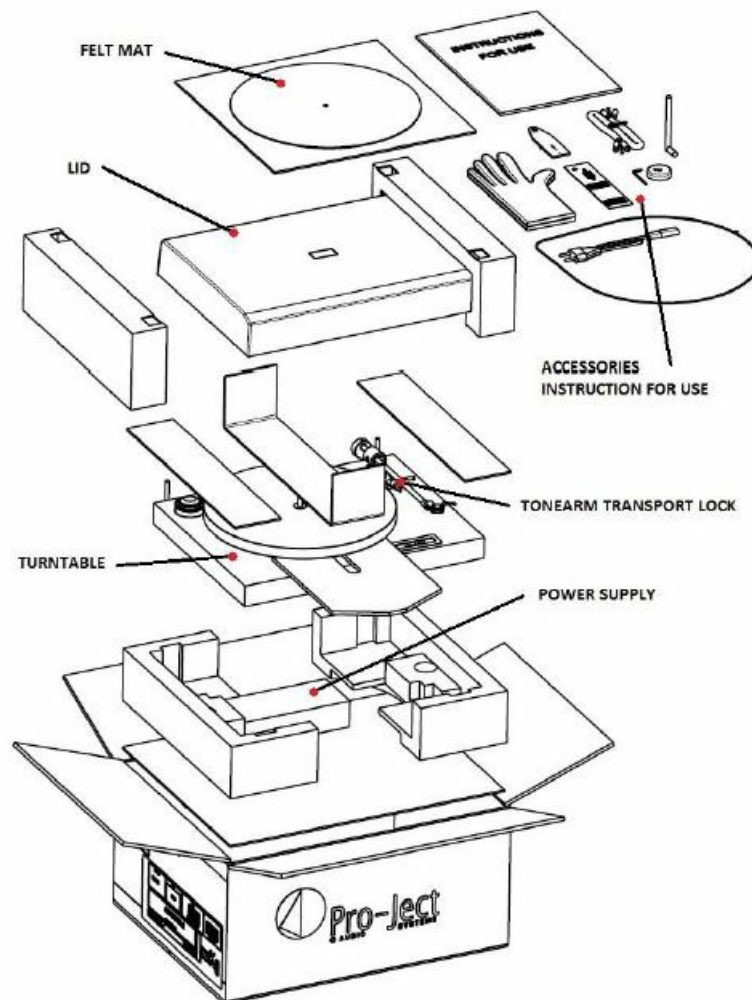
Warranty

The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use and/or by transportation without the original packaging. Modification or change to any part of the product by unauthorized persons releases 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



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Documents / Resources



INSTRUCTIONS FOR USE
Pro-Ject Jukebox E

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Juke Box E Record Player, Juke Box, E Record Player, Record Player, Player

References

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Manuals+.