



BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE Pro-Ject CD Box DS2

Dear music lover,

thank you for purchasing a Pro-Ject Audio Systems CD player.

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.

Caution! Laser diode, discs to avoid, safety instructions

This product contains a laser diode. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

If a disc is cracked, chipped, warped, or otherwise damaged, don't risk to play it. You could end up damaging the unit. This player is designed for use with fully circular, full size CDs only. Use of shaped discs is not recommended. The manufacturer and the distributor disclaims all liability arising in connection with the use of damaged or shaped discs.

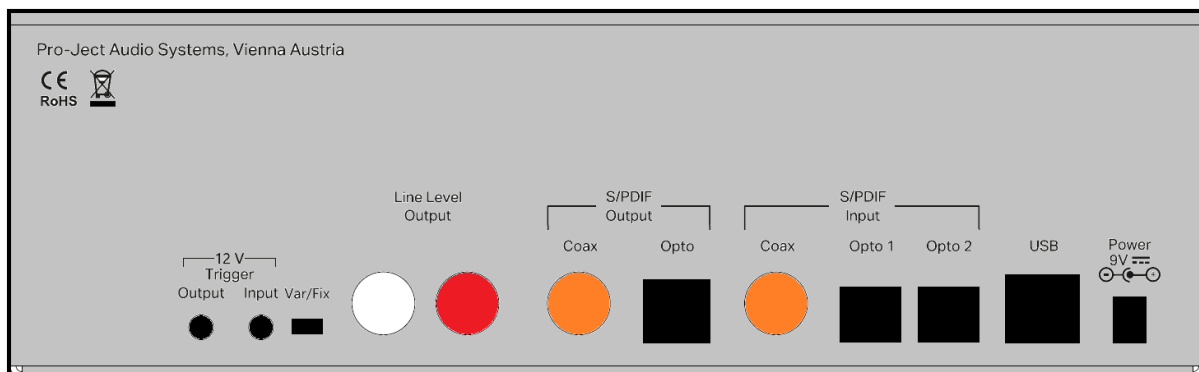


AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.

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.

Connectors



Make all connections whilst the CD player is disconnected from the power supply. Never use any other power supply than the one supplied with the unit.

Mains power connection and methods to switch the unit on and off

Connect the low voltage plug from the power supply to the **Power 9V** socket of the unit **before** connecting the power supply to the mains. The unit can be switched on and off by using 2 different methods which are equal in priorities.

1. Using front pushbutton to switch on or into standby

The pushbutton 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. If a trigger signal is present the unit can't be switched off by the pushbutton.

2. Remote power on - triggers

The unit can be switched on via other Box Design components when a 12V trigger voltage is present at the 2.5mm socket marked **Trigger Input**. Special power-on cables (polarity $--\ominus+$) in diverse lengths are available as accessories. The remote power-on signal can be relayed to further units via the **Trigger Output** socket. When the 12V trigger signal is switched off, the unit will also switch off.



Trigger cables may only be plugged into the sockets when the unit is disconnected from the power supply and from the mains. Failure to do so may result in damage of the unit.

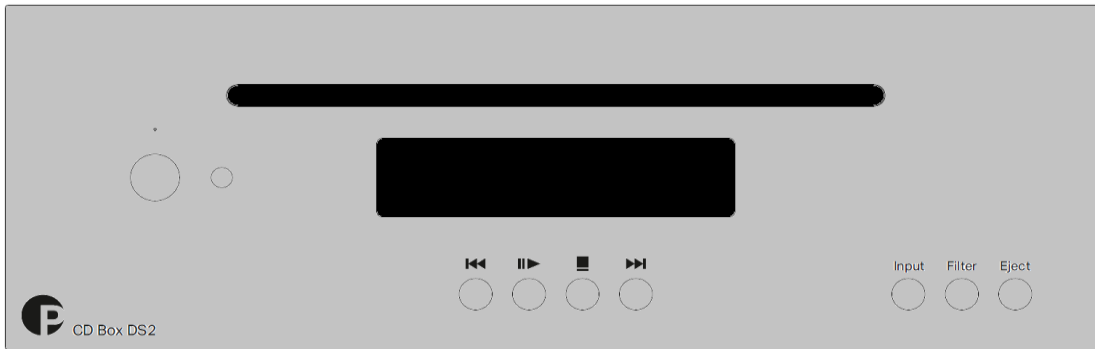
Line level Output Var/Fix switch

Select **Var** to control the output level of the line level output using the remote control. **Fix** sets the level to the maximum. A change is only possible when the unit is turned off – the switch has no function when the unit is turned on.

Remote control

	<p>Power turns the unit on/off</p> <p>CD, Opto1, Opto2, Coax, USB selects the input (alternatively left and right arrows select inputs in turns)</p> <p>Mute enable/disable mute function</p> <p>EJECT ejects the disc</p> <p>FILTER - selects filter - see chapter filter for further info</p> <p>Shuffle - activates random track play</p> <p>Repeat - press the button repeatedly for selecting repeat modes: repeat current track / repeat for all tracks</p> <p>Play/Pause/Stop/Next/Previous acts in the same way as front panel buttons</p> <p>If the switch on the backpanel is set to Var then using the two blank buttons above and below the button "CD" allows to control the level of the line output.</p>
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Front panel controls



Using the unit

The **Input** button selects inputs in turn (CD player, Co-axial input, Optical input 1, Optical input 2, USB).

If CD player is selected, the unit acts as CD player, if any other input is selected the unit works as a DAC.

DAC Mode

The unit is equipped with four digital inputs: 2x Optical, 1 x Co-axial, 1x USB. Choose the desired input using the **Input** button.

Connecting to a Computer

Connect the USB-input of the DAC (unit must be switched on) to a free USB-socket on your computer and turn it on/make sure it is powered on.

* For older Windows® operating systems an USB driver (supplied on CD) has to be installed. Mac OS® operating systems do not need an additional driver. Windows 10 does not require a driver for 24bit/192kHz



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

CD player mode

Inserting and ejecting a disc

Switch the unit on from standby. Insert the disc into the slot, with the label side facing upwards. The slot-loading mechanism will load the disc automatically. The display shows the total number of tracks on the disc and the total duration of the disc. Pressing ■ once stops playback, pressing the button again, ejects the disc.

Play

▶ starts playback of the first track. The display shows the current track number, the elapsed time of the current track and the play icon.

Pause

▮▶ pauses playback. The display shows the current track number, the elapsed time of the current track and the pause icon.

To resume playback press ▶ again.

Stop

A short press of the button ■ stops playback. The display shows the total number of tracks on the disc, the total duration of the disc and the stop icon.

Stepping between tracks

Press the buttons ◀◀ (previous track) or ▶▶ (next track).

Pressing ◀◀ while playback, the current track starts playing from the beginning.

The display shows the number of the tracks as you step, the elapsed time of the current track and the step icon.

Scanning through the disc

Press and hold the button ◀◀ (fast backward) or ▶▶ (fast forward) to scan through the disc. The display shows the current track number, the elapsed time of the current track and the scan icon.

Releasing ◀◀ or ▶▶ will take you back to playback.



CD playback is stopped if the button **Input** is pressed during playback.

Filters

DSD Mode has 2 filters: Filter 50kHz and Filter 150kHz

PCM Mode has 5 filters: Natural, Slow+, Slow, Sharp+, Sharp

Sound Type	Impulse Response	Filter name	Remarks	Sound Source Positioning	Edge
Natural		Super Slow Roll-off	No echo reproduces natural sound		Ultra-Sharp
Slow		Short Delay Slow Roll-off	Minimal echo reproduces original sound		Sharp
Slow+		Slow Roll-off	Minimal echo reproduces original sound		Middle
Sharp		Short Delay Sharp Roll-off	Post echo enhances bass sound		Sharp
Sharp+		Sharp Roll-off	Pre and post echoes make powerful sound		Far



Natural and Slow filters have a dampening of 3dB at 18kHz.

Replacing batteries

Proceed as follows:

- Unlock and slide open the battery case cover
- Replace the battery.
Make sure the battery is the right way round !
- Close the battery case cover

Battery type: 1 x CR2032 / 3V or 1 x CR2025 / 3V



Do not dispose the batteries as ordinary domestic refuse. Please dispose your exhausted batteries at the appropriate collection sites - usually located at supermarkets and drugstores.

Power supply plug adapters

The supplied power adaptor includes 3 plug adapters (EU, UK, US) for all products marked as UNI version.



The plug adapter that comes with your non-UNI product may vary depending on your region.

If the plug does not fit your mains socket, replace it with a suitable plug adapter supplied in the packaging. To remove or change the plug adapter push the button marked with „PUSH“ and rotate the adapter anti clock-wise or just pull out the adaptor (depends on version). To instal an adapter put the adapter into the slots and turn clock-wise or slide it in.

Technical specifications Pro-Ject CD Box DS2

Supports:	CD, CD-R, CD-RW and Hybrid-SACD
Digital Inputs:	2 x optical (TOSlink) up to 192kHz /24bit 1 x co-axial (S/PDIF) up to 192kHz /24bit 1 x USB up to 384kHz /32bit
Line-level output:	1 pair RCA
Digital outputs :	1 x optical (TOSlink) 1 x co-axial (S/PDIF)
Frequency response:	20Hz - 20kHz/ +- 0,15dB sharp filter
Noise floor:	>103dBA
THD:	<0,005%
Line Level Output voltage:	max. 2Vrms (fix)
D/A-converter:	AK4490 32-bit PCM up to 384kHz / DSD256
Trigger input:	12V on/off detector
Tigger output:	12V
Outboard power supply:	9V/2.000mA DC; 110-240V/50, 60Hz; suitable for your country's mains supply
Power consumption:	300 - 1.500mA DC, <1W in standby
Replacement battery remote control:	1 x CR2032 / 3V or 1 x CR2025 / 3V
Dimensions W x H x D (D with sockets):	Aluminium version: 206 x 71 x 200 mm Wood version: 240 x 72 x 200 mm
Weight:	Aluminium version: 1520 g without power supply Wood version: 1920 g 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 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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