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BOX-DESIGN Pro-Ject CD Box DS3 Audio System Instruction Manual

Contents

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INSTRUCTIONS FOR USE

Pro-Ject CD Box DS3

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.

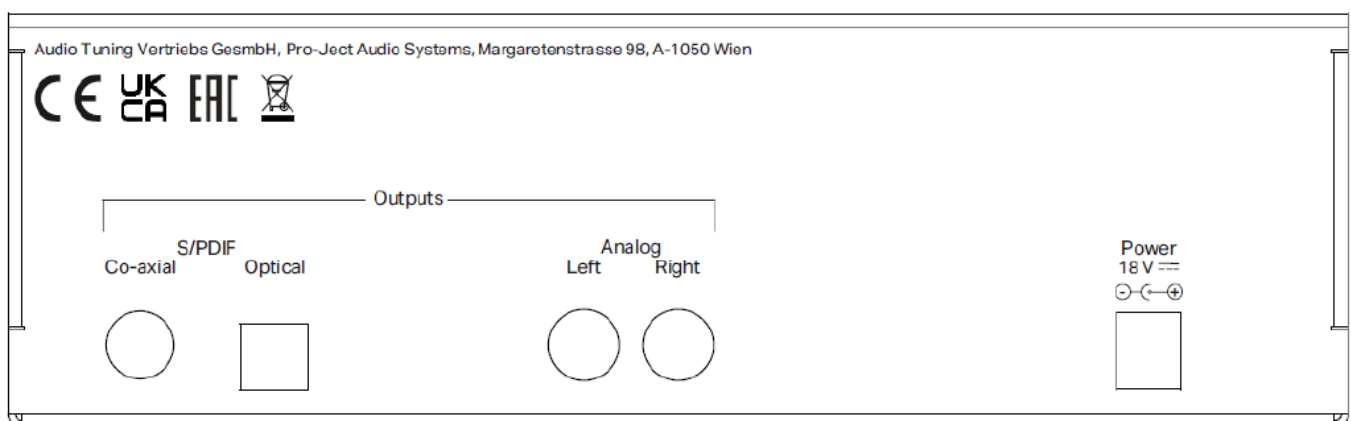**Caution! A laser diode, discs to avoid, safety instructions**

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 playing it. You could end up damaging the unit. This player is designed for use with fully circular, full-size CDs only. The use of shaped discs is not recommended. The manufacturer and the distributor disclaim 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.

Shape and condition of data carriers

If a CD is broken, chipped or otherwise damaged, it should not be played as it may damage the unit. The device is only designed to play round CDs with 12cm Ø. Playing self-burned CDs that do not comply with the Red Book standard may cause the unit to malfunction. The same applies to CDs with stickers or chamfered outer edges.

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.
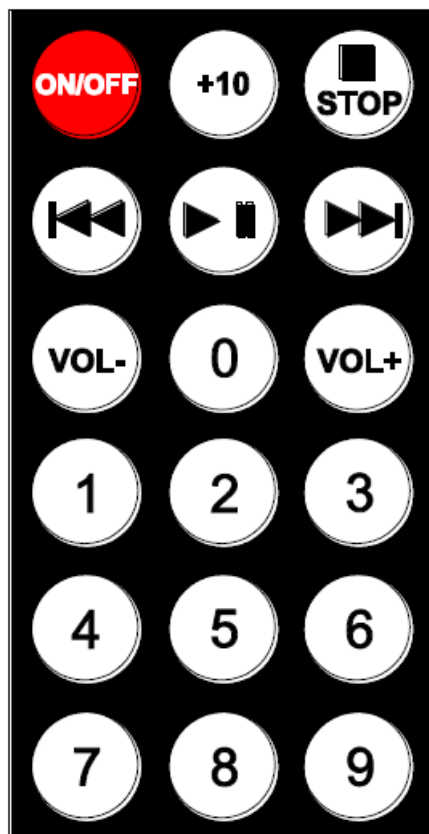
Mains connection and switching the device on and off
Connect the low voltage plug from the power supply to the Power 18V socket of the unit before connecting the power supply to the mains. The device can be switched on and off with the push button on the front.

Connection to the amplifier or DAC

- Connect the Analog Output socket to a line input (such as AUX) on your amplifier.
- Connect the Coaxial or Optical socket to the digital input of a D/A converter or AV processor.

Remote control

- ON/OFF turns the unit on/off
- VOL- turn the volume of your Pro-Ject amp down
- VOL+ turn the volume of your Pro-Ject amp up
- STOP stops the playback (Press 2x = CD eject)
- PLAY/PAUSE starts & pauses the playback
- BACK previous track
- FORWARD next track Press and hold these buttons for fast scanning. (only possible on the remote control)
  - 1 – 9 accesses a specific track
  - +10 to access tracks higher then 9 e.g. track 12: press "+10" then "1" then "2"
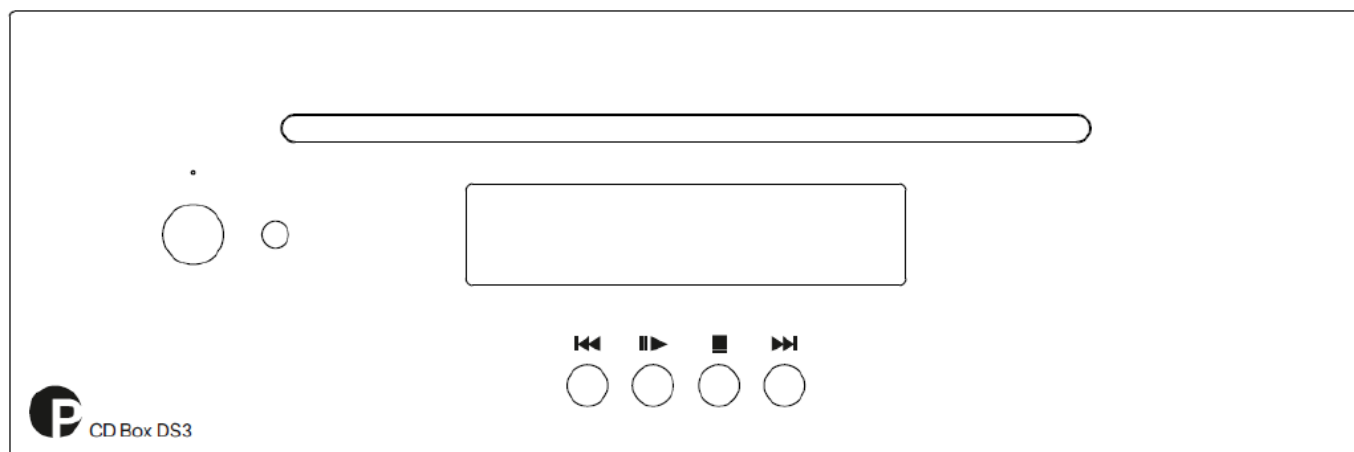 - 0 select the playback setting
    - Repeat play for the current track
    - Repeat play for all tracks
    - R Random playback

Front panel controls

CD Box DS3

Dimming the display: When playback is stopped, press and hold the ▬ button & change the brightness by pressing the ▶▶▌ button.

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, and pressing the button again, and 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.

In the case of a damaged CD, it may take a little longer to process the errors and start playback or playback might not start at all. It is possible to terminate the process with the Stop button. The process is automatically terminated after 20 seconds.

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 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.

Replacing batteries
Proceed as follows:

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

Universal remote control Control it DS/RS

Control it DS/RS is optionally available and provides a convenient control option for this and many other Pro- Ject Box Design products.

Technical specifications Pro-Ject CD Box DS3

- **Supports:** Red Book CD-DA
- **Line-level output:** 1 pair RCA
- **Digital outputs:** 1 x optical TOSlink®(S/PDIF) 1 x co-axial (S/PDIF)
- **Frequency response:** 20Hz – 20kHz/ ± 0,15dB
- **Noise floor:** >105dBA / 20Hz – 20kHz
- **THD (analog output):** <0,018%
- **THD (digital output):** <0,005%
- **Line Level Output voltage:** 2 Vrms / 0dBFS
- **D/A-converter:** PCM1796
- **Outboard power supply:** 18V/1.000mA DC, suitable for your country's mains supply
- **Power consumption:** 300 – 600mA DC, <0,5W in standby
- **Replacement battery remote control:** 1 x CR2032 / 3V or 1 x CR2025 / 3V
- **Dimensions W x H x D (D with sockets):** 206 x 72 x 194 (200) mm
- **Weight:** 1660 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.

necessary to uphold the ongoing process of technical development. TOSlink® is a registered trademark of Toshiba corporation. Waste from Electrical and Electronic Equipment (WEEE): This directive mandates the collection and recycling of electronics and component materials in order to reduce the amount going to landfills. Outside North America, when the user decides to discard this product, it must be sent to a separate collection facility for recycling. Please contact your point of purchase for more details.

PRODUCT INFORMATION

High-End Audio CD player

MSRP 699 (incl. VAT)

- True Red Book CD player
- Blue Tiger CD-80 servo board for 1:1 CD playback
- Texas Instruments PCM1796 DAC chip
- Luxurious slot-in mechanism
- Intelligent suspension for perfect resonance derivative
- High-contrast dot-matrix display
- Trigger in and output
- Solid aluminum housing protects against interference
- Torsion-free cabinet for the optimum CD drive assembly
- Remote control included
- Available in silver or black
- Magnetic wooden side panels available separately
- Made in Europe

Colour options:

- **Supports:** Red Book CD-DA
- **Line-level output:** 1 pair RCA
- **Digital outputs:** 1 x optical TOSlink®, 1 x co-axial (S/PDIF) Frequency response: 20Hz – 20kHz/ ± 0,15dB
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- **Power supply: 18V/1A DC, suitable for your country Power consumption:** 300 – 600mA DC, <0,5W in standby Battery remote control: 1xCR2032 / 3V or 1xCR2025 / 3V Dimensions WxHxD:
- **206 x 72 x 194 (200 incl. sockets) mm Weight:** 1660 g without power supply

CD Box DS3 – a high-end CD player

The CD Box DS3 introduces our completely new DS3 line. You can combine it with your existing DS2 products, as the casework stays the same. For the new CD Box DS3 we picked the best features of its predecessors and added the Texas Instruments PCM1796 DAC to provide you the perfect CD player with all the features you really need. Easily control the CD player with the buttons on the front, or with the supplied remote control and the high-contrast dot-matrix display shows you all the relevant information you need to enjoy your favorite CDs.

True Red Book CD Player
The Red Book standard specifies the physical parameters and properties of Digital Audio Compact Discs (CDDA). Pure CD players are, in contrast to DVD or Blu-ray Disc players, frequently better in the playback of stereo CDs. The drive is specifically optimized for 1:1 playback of the Red Book CDDA standard.

CD-80 Blue Tiger Servo
A CD drive is only as good as the servo which controls it. It's like the brain of the human which controls the movement of the body. Without the best brain, you cannot reach the best performance in sport although the muscles are big. Our Blue Tiger CD-80 servo developed by Stream Unlimited is the most advanced on the market.

Texas Instruments PCM1796 DAC

There have been many new DACs in the past, especially to reach a higher bit resolution. Yet the famous PCM1796 which has been used in many high-end designs in super expensive CD players in the past has the most analog, sweet and easy to listen sound character. The perfect choice for a CD player which aim is to sound as close as possible to an analog record. The CD Box DS3 offers a line level RCA output which can be used for any pre- or integrated amplifier and also two digital outputs to further pass a digital signal to another DAC.

Rigid Aluminium Housing

Standard sheet metal housings are not torsion-resistant and mechanically accurate enough to mount a sensitive CD drive where the laser position has to be correct all the time. Our massive aluminium chassis provides the best basis for a CD drive. It also protects the drive against vibration and electromagnetic interference. CD Box DS3 is available in silver and black. Magnetic wooden side panels are available separately.

4-Point Intelligent Suspension

The intelligent suspension is able to provide a perfect resonance derivative. Three soft points isolate the drive from external vibration and one hard point leads to high frequency vibration caused by the fast movement of the laser into the massive chassis.
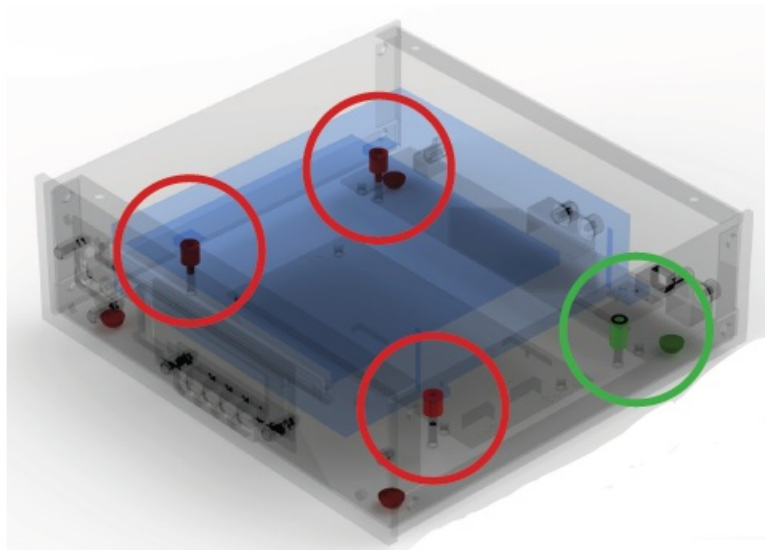

The cleanest power for your CD Box DS3

The Power Box DS2 Sources is a linear power supply that is available separately. It is a proven fact that a power supply is a very important part of the audio path and significantly contributes to the sonic quality of an audio product. Sound staging, the darkness of silent backgrounds, and small detail resolution will improve strongly and contribute to a far better overall performance.

- wooden side panels are not included & sold separately

3x soft isolation points

1x hard derivative point

PRO-JECT AUDIO SYSTEMS

- www.project-audio.com
- Technical data and price changes are reserved.

Documents / Resources

BOX-DESIGN Pro-Ject CD Box DS3 Audio System [pdf] Instruction Manual
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