Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Pioneer PD-70AE

PIONEER Super Audio CD Player PD-70AE User Manual

Model: PD-70AE

1. Introduction

The PIONEER PD-70AE is a high-performance Super Audio CD (SACD) and CD player designed for exceptional audio reproduction. It incorporates advanced technologies to ensure precise disc reading and high-fidelity sound output. This manual provides essential information for setting up, operating, and maintaining your PD-70AE player.



Front view of the PIONEER PD-70AE Super Audio CD Player, showcasing its sleek silver design and central disc tray.

Key Features:

- **High-Precision Disc Reading:** Utilizes advanced control technology for accurate disc playback.
- **Shielded CD Drive:** Features a honeycomb mechanism cover with vibration-damping black coating for enhanced rigidity and quiet operation.
- **Robust Construction:** Drive mechanism fixed to a high-rigidity steel plate with pulp material for vibration suppression.
- **High-Performance DACs:** Equipped with two ESS Technology ES9026PRO 8-channel DACs, one for each L/R channel, operating in parallel for high-accuracy D/A conversion.
- **Custom Audio Capacitors:** Selected through extensive listening tests for powerful and dynamic sound

reproduction.

- **Full-Balance Circuit:** Analog circuitry from D/A conversion to signal output is fully balanced and independent for L/R channels, minimizing external interference.
- **Aluminum Die-Cast Disc Tray:** Enhances rigidity and stabilizes drive operation.
- **Versatile Connectivity:** Includes RCA and XLR analog outputs, and optical/coaxial digital inputs/outputs.

2. Setup

2.1 Unpacking and Placement

Carefully remove the PD-70AE from its packaging. Place the unit on a stable, level surface with adequate ventilation. Avoid placing it near heat sources or in direct sunlight. Due to its weight (19.6 kg), ensure the surface can support it securely.

2.2 Connections

Refer to the rear panel diagram below for connecting your PD-70AE to your audio system.



Rear panel of the PIONEER PD-70AE, showing various audio input and output terminals.



Close-up view of the analog audio output section, including RCA and XLR terminals, and the ground switch.

1. **Analog Audio Output:**
    - Connect the **UNBALANCED (RCA)** outputs to your amplifier's analog input using RCA cables.
    - For balanced connections, use **BALANCED (XLR)** outputs. Ensure the GND switch is set correctly (OFF for floating, ON for grounded).
2. **Digital Audio Output:**
    - Connect the **COAXIAL** or **OPTICAL** digital output to a compatible digital input on your amplifier or DAC.
3. **Digital Audio Input:**

- The PD-70AE can also function as a DAC. Connect external digital sources to the**COAXIAL** or **OPTICAL** digital inputs.

4. **AC Power:**
   - Connect the supplied power cord to the AC IN terminal on the rear panel and then to a wall outlet.
5. **Control:**
   - Use the CONTROL IN/OUT terminals for system integration with other compatible Pioneer components.

2.3 Initial Power On

After all connections are made, press the STANDBY/ON button on the front panel or remote control to power on the unit. The display will illuminate.

3. Operating Instructions

3.1 Basic Disc Playback

1. Press the **OPEN/CLOSE** button on the front panel or remote control to open the disc tray.
2. Place a CD or SACD disc gently into the tray with the label side facing up.
3. Press **OPEN/CLOSE** again to close the tray.
4. Press the **PLAY (►)** button to start playback.
5. Use the **PAUSE ( )** button to temporarily stop playback and**STOP (■)** to end playback.
6. Use the **SKIP (◄◄ / ►►)** buttons to navigate between tracks.



The disc tray of the PD-70AE in the open position, ready for disc loading.



The RC-990C remote control for the PIONEER PD-70AE, showing various playback and setting buttons.

3.2 Advanced Settings (via Remote Control)

The remote control (RC-990C) provides access to advanced features:

- **CD/SACD Button:** Switches between CD and SACD layers on hybrid discs.
- **DIGITAL FILTER:** Adjusts the digital filter characteristics. Options typically include:
  - **SLOW:** Produces a softer, more mellow sound.
  - **SHARP:** (Default) Offers a harder, more defined sound with a strong sense of framework.
  - **SHORT:** Provides a quicker transient response, making the sound appear more forward.
- **LOCK RANGE:** Adjusts the lock range of the DAC, which can affect sound quality. Experiment with settings to find your preference.
- **DIMMER/DISPLAY:** Adjusts the brightness of the front panel display or cycles through display information.
- **REPEAT/SHUFFLE/PROGRAM:** Controls playback modes.

4. Maintenance

4.1 Cleaning

- **Unit Exterior:** Wipe the unit with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water or a mild, non-abrasive cleaner. Avoid using harsh chemicals or abrasive cloths.
- **Disc Tray:** Keep the disc tray clean and free of dust. Do not apply excessive force when opening or closing the tray.
- **Discs:** Handle discs by their edges. Clean discs with a soft, lint-free cloth, wiping from the center outwards.

4.2 General Care

- Ensure proper ventilation around the unit to prevent overheating.
- Avoid exposing the unit to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to open the unit's casing, as this may expose you to dangerous voltages and will void the warranty.

5. Troubleshooting

If you experience issues with your PD-70AE, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No power	Check if the power cord is securely connected to the unit and the wall outlet. Ensure the power outlet is functional.
No sound output	Verify that audio cables (RCA, XLR, Optical, Coaxial) are correctly connected to your amplifier/receiver. Ensure the correct input source is selected on your amplifier/receiver. Check the volume level on your amplifier/receiver. If using digital output, ensure your amplifier/DAC is set to the correct digital input.
Disc does not play / Disc error	Ensure the disc is clean and free of scratches or smudges. Check if the disc is inserted correctly with the label side up. The disc may be unreadable or damaged. Try another disc. For SACDs, ensure the player is set to SACD mode if it's a hybrid disc.
Remote control not working	Check the batteries in the remote control and replace them if necessary. Ensure there are no obstructions between the remote control and the unit's IR sensor. Make sure you are within the effective range of the remote control.
SACD playback issues (e.g., not starting from first track)	Some multi-channel SACDs may have specific playback behaviors. Try restarting playback. Ensure the SACD layer is correctly selected.

6. Specifications

Feature	Description
Brand	Pioneer
Model	PD-70AE
Color	Silver
Supported Discs	Super Audio CD (SACD), CD
DAC	ESS Technology ES9026PRO x2 (8-channel parallel drive per L/R channel)
Analog Audio Output	RCA (Stereo) x1, XLR (Stereo) x1
Digital Audio Output	Optical x1, Coaxial x1
Digital Audio Input	Optical x1, Coaxial x1
Dimensions (W x H x D)	435 mm x 142 mm x 413 mm (approximately 17.1 x 5.6 x 16.3 inches)
Weight	19.6 kg (approximately 43.21 lbs)
Power Supply	AC 100V, 50/60Hz
Power Consumption	30 W

7. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Pioneer website. For technical support, contact Pioneer customer service through their official channels.
Keep your purchase receipt as proof of purchase for warranty claims.

© 2023 Pioneer Corporation. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B076Y1DYCC

More documents and user manuals: **https://manuals.plus/**