

Professional CD Player w/Heavy-Duty Mechanism and Motor

PMD340



Designed to be one of the most durable and reliable professional CD players available, the Marantz Professional PMD340 delivers exceptional performance and value. Its sound quality, reliability, and ease-of-use is unmatched for the price.

The PMD340 includes a highly durable, brushless spindle motor along with a high-resolution heavy-duty laser. The result is a precision disc tracking system specially equipped to handle the rigors of professional applications.

The PMD340 is among the first CD players on the market capable of playing CD-RW format rewritable discs. Its rich configuration of balanced analog connectors, optical digital output and unbalanced coaxial digital output, and other in/out greatly enhances its flexibility.

Users can easily navigate the front panel controls to customize the PMD340's operation. Many functions can be preset according to individual needs, including autocue to an adjustable threshold of sound, fade in/out time, default time display, tray lock, start delay, and current play mode. Tracks can be directly selected using the 10-key pad, and frame-accurate cue points and pitch are controlled using the contoured jog wheel.

The PM340 provides extraordinary Marantz Professional sound quality, robust and reliable performance, and a professional-grade look and feel—all at an affordable price.

Key Features

- Brushless Spindle Motor
- High-Resolution and Long-Life Laser
- Plays CD-RW Discs
- High-Performance CD Drive
- CD-Text Display
- Frame-Accurate Search
- Index Search
- Multi-Function Cue Button
- 21 Presets for Tailored Performance
- Programmable Cue-to-Music
- 10-Second Anti-Shock Buffer
- Pitch Bend ($\pm 8\%$)
- Instant Start (< 20 ms)
- Rackmountable up to a 45° angle

Front Panel Features

- Pitch Control ($\pm 12\%$)
- 10-Key Pad
- End of Track Monitor
- A-B Repeat
- Fast-Forward/Rewind Search
- Backlit LCD Display
- Play Mode Menu
- Jog Wheel for Search and Pitch Control

Input/Output Features

- XLR and RCA Analog Output
- Coaxial (RCA) and Optical Digital Output
- XLR Digital Output (SPDIF)
- RC5 Remote Input/Output
- CD Record Sync Output
- Fader Start Input
- GPI Port

PMD340

Applications

Broadcast Studios

Few environments are more demanding on a CD player than broadcast studios. That's why the PMD340's CD drive and tracking system were built to withstand the rigors of intensive disc changes and track searches. A brushless spindle motor, die-cast metal parts, and a heavy-duty laser help make the CD mechanism highly durable and reliable. The PMD340 is loaded with professional features. The 10-key pad provides direct track selection, and index buttons enable track sub-index searching. The high-contrast LCD clearly displays important information at a glance, such as time remaining (shown graphically and numerically), end of track monitor, pitch change, scrolling CD-text display, and current play mode. Users can also customize 21 presets, including end-of-track monitoring and the auto cue threshold. An audio RAM buffer provides instant start, enhanced tracking, and a 10-second anti-shock buffer. For maximum installation flexibility, the PMD340 offers a rich selection of back panel interfaces.

Recording/Duplication Studios and Mastering

Facilities

The PMD340's CD-RW compatibility and XLR digital and optical digital outputs give it added versatility as a CD source. Sound effects discs and custom mix downs can be accessed by index searching and cued up. Other features include frame-accurate controls for precisely cueing up a track or loop, index searching, multiple programmable settings for tailoring performance to individual needs, and instant start.

DJ

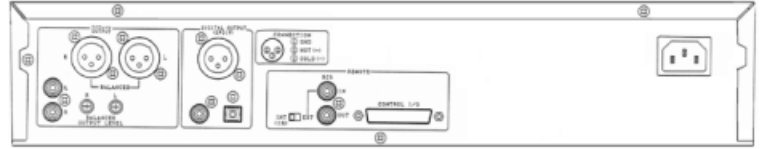
Professional DJs will appreciate features that ensure a smooth and impressive performance: fader start input, instant start, a heavy-duty jog wheel for faster pitch control and frame-accurate searching, programmable auto cue, direct track access, an anti-skip buffer, XLR connections, angled mounting, and remote control capability.

Performing Arts

The same features valued by recording studios and broadcasters make the PMD340 ideal for use in theaters, dance studios, and other performing arts venues.

A/V Rental

The PMD340 provides outstanding quality, value, and versatility. The unit's user-friendly operation makes it ideal for any professional rental scenario.



Specifications

Overall

Quantization	16-bit linear/channel, 44.1 kHz
Compatible Discs	CD-DA, CD-R/CD-RW (finalized)
Frequency Response	20 Hz-20 kHz
Signal to Noise	>100 dB
Error Correction	CIRC
Dynamic Range	>90 dB
THD	0.005% (1 kHz)

Front Panel Control

Search Precision	1 frame (13.3 ms)
Pitch Control	±12% in 0.1% steps
Pause to Start Delay	>300 ms

Input/Output

XLR Analog Output Level	-11~+21 dBu/150 ohm
XLR Digital Output Level	3.5V pp/110 ohm
Digital Output Format	SPIDIF (IEC-958-II)
RC5 Input	IR receiver, RCA input (switchable)
GPI Port	25-pin D-sub

Power Supply

Power Requirements	120 VAC
Power Consumption	17 W

Dimensions/Weight

Panel Height (2 Units)	3.5" (89 mm)
Panel Width	19.0" (480 mm)
Depth	12.8" (325 mm)
Weight	10.8 lbs (4.9 kg)

Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.



D&M Professional
1100 Maplewood Drive Itasca, Illinois 60143
Tel: 630.741.0330 Fax: 630.741.0652
www.d-mpro.com

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