



PMD320 and PMD321 Compact Disc Players

The Marantz Professional PMD320 and PMD321 compact disc players provide the audio professional with commercial grade quality and features. Both offer highly specialized features such as pitch control, fader start, Marantz RC-5 remote compatibility, and coaxial (RCA) digital output.

The extraordinary sound quality of the PMD320 and PMD321 is achieved by using state-of-the-art bitstream conversion with 32x oversampling and 4th order noise shaping, to maintain pure signal clarity. The one-piece 2U rackmount chassis ensures stability and professional appearance.

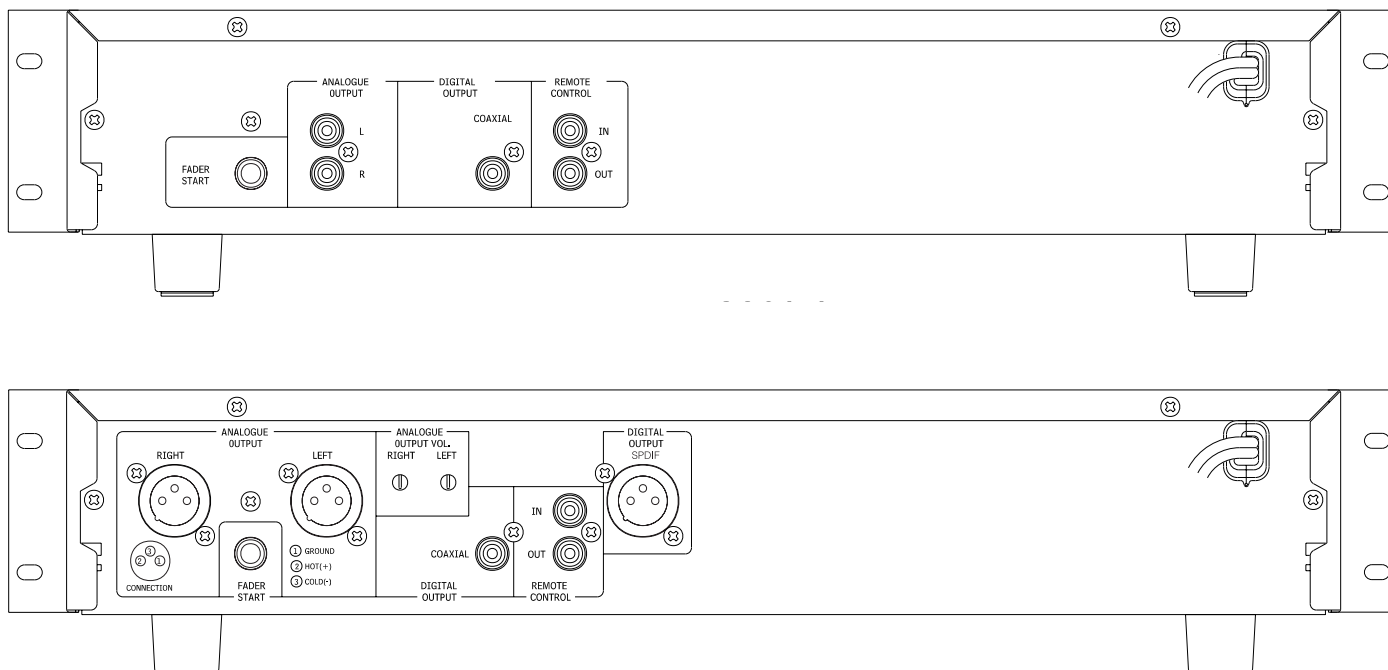
Additionally, the PMD321 offers defeatable cue-to-music, balanced XLR analog outputs, XLR digital output, and independent analog volume output controls; which make the PMD321 a versatile source for any type of professional application.

PMD320 AND PMD321 FEATURES

- Pitch Control ($\pm 12\%$) with Calibrate Button
- Fader Start Trigger Input
- 10 Digit Key Pad for Direct Track Access
- Program and Repeat Functions
- Audible Cue and Review
- Coaxial (RCA) Digital Output
- Marantz RC-5 Remote Input and Output
- AMX and Crestron Compatible
- Optional Wired (WRC200mkII) and IR (RC5PMDSW) Remote Controls
- One-Piece 2U Rackmount Chassis
- Headphone Output

PMD321 ADDS

- Cue-to-Music (Defeatable)
- Balanced XLR Analog Outputs
- XLR Digital Output (SPDIF)
- Independent Analog Output Level Control



APPLICATIONS

Recording/Duplication Studios, Broadcast and Mastering Facilities: Exceptional sound quality and a digital output make the PMD320 and PMD321 extremely versatile CD sources. The PMD321 gives added advantage by having XLR outputs for analog and digital and the ability to adjust the analog output level. Any type of professional environment can benefit by the extraordinary fit and finish of the PMD320 and PMD321.

DJs: The PMD320 and PMD321 offer the professional DJ all the features needed to ensure a smooth and impressive performance: fader start input, pitch control, cue-to-music, direct track access, anti-skip mechanism, XLR connections, and remote control capability.

Houses of Worship: The pitch of a soundtrack can be altered by $\pm 12\%$ (in increments of 0.1%) to accommodate a singer or choir's vocal range. The 10 digit keypad insures quick and direct track access of up to 99 tracks.

AV Rental: The PMD320 and PMD321 provide exceptional quality, value, and versatility. Add their user-friendly operation, and they become ideal for any professional rental scenario.

Dance and Aerobics Studios: Pitch control alters the tempo of the music to suit a specific workout or choreography. Additionally, the program function makes it easy to create a custom track sequence.

Corporate Installations: Both models offer Marantz (RC-5), AMX, and Crestron remote control compatibility, while combining unmatched value and overall quality.

TECHNICAL SPECIFICATIONS

OVERALL

Frequency response.....5-20kHz (± 0.5 dB)
Signal to Noise.....> 104dB
Channel Separation.....> 100dB
Dynamic Range.....> 96dB
THD.....< 0.004%
Wow and Flutter.....Below Measurable Limits

D-A Conversion.....1-bit Sigma-Delta
Oversampling.....32x
Noise Shaping.....4th Order

RCA Analog Output Level.....2VRMS / 200 ohm
XLR Analog Output Level.....1.2VRMS / 100 ohm
XLR Digital Output Level.....3.5Vp-p / 110 ohm
Coaxial (RCA) Digital Output Level.....0.5Vp-p / 75 ohm
Digital Output Format.....SPDIF (IEC-958-II)

Power Requirements.....120VAC, 60Hz
Power Consumption.....22W

DIMENSIONS

Panel Height (2U).....3.5" (89mm)
Panel Width.....18.9" (480mm)
Depth.....11.5" (293mm)
Weight.....8.6lbs. (3.9kg)

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

SUPERSCOPE®

Superscope Technologies, Inc.

2640 White Oak Circle
Aurora, Illinois 60504

Telephone: (630) 820-4800
Fax: (630) 820-8103