

Single Well Cassette Decks

PMD501 / PMD502



PMD501



PMD502

The Marantz Professional PMD501 and PMD502 are professional grade, single-well cassette decks that offer exceptional versatility, reliability, and value. For the professional requiring basic and easy-to-use features, the PMD501 is a perfect solution. For the professional seeking a feature rich and extremely flexible cassette deck, the PMD502 is the ideal answer.

Both models offer specialized features such as optically sensing quick autoreverse, which limits audio signal loss when playing or recording. Marantz RC-5 compatibility allows full control via an optional wired (WRC200mkII) or IR (RC5PMDSW) remote control, or through a third-party control system including AMX or Crestron. Large transport control buttons with LED insets facilitate easy operation, and the one-piece 3U rackmount chassis provides extra stability and performance.

The PMD502 offers exceptional functionality. Front panel output level control enables the line out level to be adjusted; pitch control allows for speed/pitch changes; automatic level control aids in unattended recording; and an input select switch provides control of multiple inputs from the front panel. Further flexibility is gained with front panel microphone/auxiliary inputs and a linear time-based counter that accurately displays time elapsed in minutes and seconds.

Key Features

PMD501 and PMD502

- Optically Sensing Quick Autoreverse
- Headphone Output with Level Control
- Automatic Tape Type Selector
- Dolby B Noise Reduction
- MPX FM Filter
- Large Transport Control Buttons with LED Insets
- Recessed Record Balance Control
- Marantz RC-5 Remote Input and Output
- AMX and Crestron Compatible
- Synchronized Start Input
- Optional Wired (WRC200mkII) and IR (RC5PMDSW) Remote Controls
- One-Piece 3U Rackmount Chassis

PMD502 Additions

- Output Level Control
- Pitch Control ($\pm 15\%$)
- Front Panel Microphone/Auxiliary Inputs
- Front Panel Input Select Switch
- Defeatable Automatic Level Control (ALC)
- Digital Linear Time-Based Counter (C60 based)
- Memory Pointer
- Dolby C and HX Pro Headroom Extension
- Fluorescent Peak Holding Bar Graph Meters
- Optional Balanced XLR Kit (XLR502PMD)

Applications

A/V Rental

The PMD501 is a reliable, cost-effective, and easy-to-use addition to any system, while the PMD502 is a full-function recording and playback source. The PMD502 offers front inputs for microphones or any type of auxiliary source along with an output level control that gives complete command of the music level from the front panel.

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Houses of Worship

The PMD501 is an ideal fit as a basic and easy-to-operate sound source. The PMD502 provides enhanced features such as pitch control to match a singer's range or front microphone inputs with defeatable automatic level control to make great-sounding recordings from a microphone or line level signal.

Corporate Installations

The PMD501 is a basic, easy-to-operate high-quality cassette deck that offers full control from a Marantz (RC-5), AMX, or Crestron remote control system. The PMD502's versatility and quality make it an excellent analog cassette recording unit.

DJs

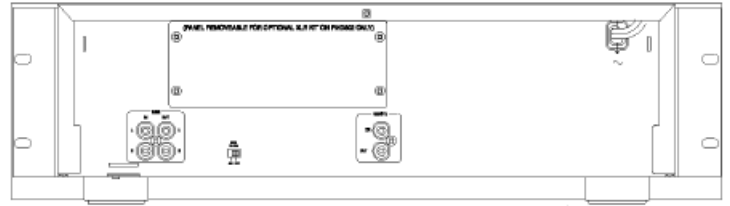
The cost-conscious DJ will appreciate the quality and sound performance of the PMD501. The PMD502 offers additional features such as pitch control, output and headphone level control, and time elapsed display via the linear time-based counter.

Dance and Aerobics Studios

For the dance or aerobic studio that needs a professional deck at an economical price, the PMD501 is an ideal solution. However, when the need arises for pitch/speed control, output level control, and a linear time-based counter, the PMD502 can meet the challenge.

Recording/Duplication Studios, Mastering and Broadcast Facilities

The PMD501 gives the professional studio or mastering facility a user-friendly sound source, while the PMD502 represents the best-in-class cassette deck that a studio or mastering house requires. This is backed by functions such as output level control, front microphone/auxiliary inputs, pitch control, Dolby B/C noise reduction, HX Pro headroom extension, headphone level control, and a linear time-based counter.



Specifications

Overall

| | |
|--------------------------------|---------------------------|
| Number of Heads | 2 |
| Head Type | Hard metal alloy (rotary) |
| Number of Motors | 2 |
| Motor Type | DC servo |
| Wow and Flutter (JIS weighted) | 0.07% |
| Output Level | 500 mV / 2.2k ohm |
| Input Level | 100 mV / 47k ohm |
| Power Requirements | 120 V AC, 60 Hz |
| Power Consumption | 22 W |

Frequency Response

| | |
|----------------------|-------------------------|
| Metal (Type IV) Tape | 20-18 kHz (± 3 dB) |
| CrO2 (Type II) Tape | 20-17 kHz (± 3 dB) |
| Normal (Type I) Tape | 20-16 kHz (± 3 dB) |

Signal-to-Noise Ratio 'A' Rated

| | |
|------------------------|-------|
| No Noise Reduction | 56 dB |
| Dolby B | 66 dB |
| Dolby C (PMD-502 Only) | 72 dB |

Dimensions

| | |
|-------------------|--------------------|
| Panel Height (3U) | 5.2" (133 mm) |
| Panel Width | 18.9" (480 mm) |
| Depth | 11.0" (280 mm) |
| Weight | 11.5 lbs. (5.2 kg) |

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

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min | max
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