PMD501 and PMD502 Single Well Cassette Decks

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 that allows full control via an optional wired (WRC200mkII) or IR (RC5PMDSW) remote control, or a 3rd party control system including AMX or Crestron. Large transport control buttons with LED insets make controlling the PMD501 and PMD502 very easy. The one-piece 3U rackmount chassis provides extra stability and performance.

The PMD502 offers an exceptional set of features. Front panel output level control allows 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 gives 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 gives an accurate display of time elapsed in minutes and seconds.

PMD501 AND PMD502 FEATURES

- 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 ADDS

- Output Level Control
- Pitch Control (+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
- Flourescent Peak Holding Bargraph 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, and an output level control that gives complete command of the music level from the front panel.

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

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.

TECHNICAL 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..........................................................500mV / 2.2k ohm
Input Level..........................................................100mV / 47k ohm
Power Requirements..................................................120V AC, 60 Hz
Power Consumption..................................................22W

FREQUENCY RESPONSE
Metal (Type IV) tape........................................20-18kHz (+3dB)
CrO₂ (Type II) tape...........................................20-17kHz (+3dB)
Normal (Type I) tape...........................................20-16kHz (+3dB)

SIGNAL TO NOISE RATIO 'A' WEIGHTED
No Noise Reduction..................................................56dB
Dolby B..............................................................66dB
Dolby C (PMD502 only)............................................72dB

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

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