



PMD500 Dual Well Cassette Deck

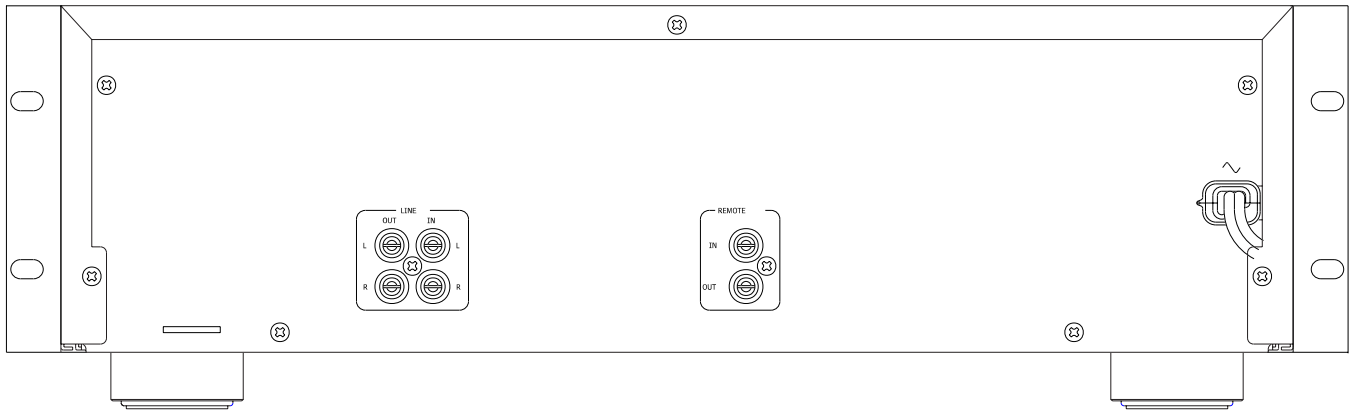
The Marantz Professional PMD500 gives the sound professional unprecedented flexibility in a dual well cassette deck. Both wells record and play either simultaneously or serially, and optically sensing quick autoreverse ensures minimal loss of audio when recording or playing in either mode.

The PMD500 offers a number of ways to automate the record or play process. The PMD500 has the ability to go into record or play when power is switched on via the timer. It also has the ability to start recording automatically from a Marantz product that has synchronized start output. The Marantz RC-5 remote input and output allow easy connection of the optional wired (WRC200mkII) or IR (RC5PMD) remote controls, or most 3rd party control systems including AMX and Crestron.

Superior sound quality is achieved through the use of two separate DC motors for each well and super-hard metal alloy heads and heavy-duty transport materials. These features, combined with the legendary Marantz know-how provide flat frequency response and excellent sonics.

FEATURES

- Serial and Simultaneous Recording
- Optically Sensing Quick Autoreverse
- Automatic and Quick Music Search
- Program Playback (up to 15 Tracks)
- Playback Blank-Skip
- Normal and High Speed Dubbing
- Record/Play Timer
- Record Mute
- Record Balance control
- Dolby B/C Noise Reduction
- MPX FM Filter
- Florescent Peak Holding Meters
- Digital Counters with Memory Rewind
- Headphone Output
- Marantz RC-5 Remote (AMX and Crestron Compatible)
- Synchronized Start Recording
- Logic Controlled Transport
- Optional Wired (WRC200mkII) and IR (RC5PMD) Remote Controls
- 3U Rackmount Chassis



APPLICATIONS

Duplication: The workhorse PMD500 provides the real-time duplicator with many helpful features. The RC-5 remote capability combined with the optional wired remote (WRC200mkII) allows control of multiple units from one source. The A+B record button puts both decks simultaneously into record pause, allowing one-touch dual record. Wiring is saved by having only one input source to feed both wells. With optical sensing quick autoreverse plus exceptional sound quality, the PMD500 is the ideal choice for economical real-time duplication.

Audio Logging: The continuous recording feature of the PMD500 allows it to record consecutively onto two tapes. All transfers are optically sensing for minimal loss of audio.

Houses of Worship: For recording of sermons or services, the PMD500 can record two masters at one time or the continuous feature, with optical sensing quick autoreverse, can be used to create near seamless recordings.

Corporate: The PMD500 is compatible with Marantz (RC-5), AMX, and Crestron control systems, to allow easy integration into almost any system. Continuous recording and playback, and the use of the timer function, can provide unattended background music or audio logging.

Hotels and Retail: The continuous playback feature allows seamless background music from just one deck. The serial record function allows for long term record capabilities for meetings and other events. The optional IR and wired remote controls allow full control of all transport functions without having to be near the unit.

Recording Studios and Mastering Facilities: For professional studios interested in small scale real-time duplication nothing beats the PMD500 in terms of sound quality, reliability, and value.

TECHNICAL SPECIFICATIONS

OVERALL

Number of Heads per Deck.....2
 Record Head Type.....Hard Metal Alloy (Rotary)
 Number of Motors per Deck.....2
 Motor Type.....DC Servo

Input Level/Impedance.....60mV / 40k ohm
 Output Level/Impedance.....500mV / 3.3k ohm

Crosstalk (1kHz, 0dB ref.).....65dB
 Channel Separation (1kHz, 0dB ref.).....51dB
 Distortion (1kHz, 250 nwb/m).....less than 1.8%
 Wow and Flutter (JIS wtd.).....less than 0.06%

FREQUENCY RESPONSE

Metal (Type IV) Tape.....20 - 19kHz (±3dB)
 High/CrO2 (Type II) Tape.....20 - 18kHz (±3dB)
 Normal (Type I) Tape.....20 - 17kHz (±3dB)

SIGNAL TO NOISE RATIO 'A' WEIGHTED

No Noise Reduction.....56dB
 Dolby B.....66dB
 Dolby C.....72dB

DIMENSIONS

Panel Height (3U).....5.2" (133mm)
 Panel Width.....18.9" (480mm)
 Depth.....11.0" (280mm)
 Weight.....20.5 lbs. (9.3kg)

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