

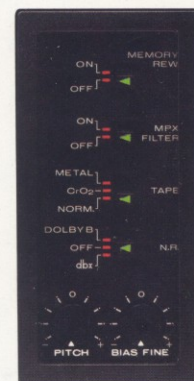


- PMD-430**
- 3-Head Off-the-Tape Monitoring
 - dbx Noise Reduction
 - Dolby B Noise Reduction
 - 3-Position Tape Select
 - 3-Position Mic Attenuation
 - Built-in Speaker with Channel Select

- PMD-420**
- Dolby B Noise Reduction
 - 3-Position Tape Select
 - 3-Position Mic Attenuation
 - Built-in Speaker with Channel Select

P M D - 4 3 0

P M D - 4 2 0



Portable High Fidelity

For those who take live recording seriously, Marantz offers a series of incredibly convenient, high performance portable cassette recorders. They're small and lightweight so they won't bog you down, and they are really easy to use. Whether you're a professional journalist, student, musician, ethnomusicologist, or just like to record live concerts, you'll find an appropriate, affordable and reliable machine.

Stereo Record and Playback

The record/play quality of the PMD430 and PMD420 rivals that of our top-of-the-line home decks. In fact, many people use them in home systems. And with a pair of high quality Marantz microphones, the stereo PMDs will produce astonishing field recordings.

The PMD430 features 3 heads, for true off-the-tape monitoring during the record process. This design optimizes head gap for each mode, resulting in excellent high frequency performance.

dbx™ noise reduction on the PMD430 offers a 75dB signal-to-noise ratio. This provides a wide dynamic range and clear reproduction of low-level speech and music. Dolby™ B noise reduction, the industry standard, is featured on the PMD420 and included on the PMD430.

The PMD430 and PMD420 share many useful features. A bias fine-tune adjustment assures proper high frequency response with virtually any type of tape, a switchable limiter prevents overload, playback speed is variable $\pm 6\%$, and the VU meters are illuminated.

Microphone attenuation is selectable, providing 30dB, 15dB, or 0dB cut, and the left microphone input can easily be switched to act as a mono input. A small monitor loudspeaker will reproduce either the left or right channel, or both. A shoulder strap and vinyl carrying case are included.

Four power sources are possible. Three "D" alkaline batteries will provide 7½ hours of continuous recording; the optional RB430 NiCad rechargeable battery pack yields 5½ hours. An AC power supply is provided for longer time requirements, and other 4.5VDC supplies, including automobile cigarette lighter adapters, can be used with excellent results.



PMD-221

- 2-Speed Recording
- 3-Head Off-the-Tape Monitoring
- 3-Position Mic Attenuation
- Built-in Speaker
- Modular Telephone Jack

PMD-201

- 2-Speed Recording
- 3-Position Mic Attenuation
- Built-in Speaker
- Modular Telephone Jack

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2-Speed Monaural Decks

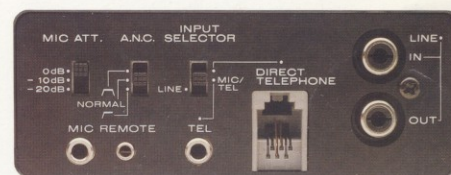
The PMD221 and PMD201 offer 2-speed monaural recording in a versatile, professional package. The PMD221 is a 3-head deck that features off-tape monitoring and improved frequency response.

To extend the recording time of standard cassettes without print-through or the risk of tape breakage, both the PMD221 and PMD201 offer the option of half-speed recording (15/16 ips). This slower speed doubles the length of any cassette, and is most valuable for voice recording.

Recording levels are selectable: manual, manual with limiter, and automatic level control, and the VU meter is illuminated. Playback speed is variable $\pm 6\%$ and

microphone attenuation is selectable, providing 20dB, 10dB, or 0dB cut. Both models include a built-in speaker, a volume control, a tone control, and a valuable low battery indicator. A modular telephone jack makes direct hookup to phone lines easy.

The monaural PMDs offer the same four-way power source options and recording times as their stereo cousins. Both are equipped with an AC power supply.



Marantz Microphones

Marantz microphones are in daily use all over the world. Nine different models allow professional and amateur recordists alike to choose the perfect microphone for virtually every task.

The transducers are all of the electret type, which provides extremely accurate transient and frequency response. Both cardioid and omni pickup patterns are available. From the inexpensive EC-1 to the phenomenal EC-33S stereo, the Marantz line of microphones embodies versatility, durability and value.



EC- 3 5 7 33S 9P 15P 3S 1S 1

Specifications

Portable Cassette	PMD201	PMD221	PMD420	PMD430
Frequency Response (1 ⁵ / ₁₆ ips)				
Normal tape	40Hz-12kHz (40Hz-6kHz)	40Hz-12.5kHz (40Hz-6.5kHz)	35Hz-14kHz	35Hz-14kHz
CrO ₂ tape	40Hz-13.5kHz (40Hz-7kHz)	40Hz-14kHz (40Hz-7.5kHz)	35Hz-15kHz	35Hz-15kHz
Metal tape	40Hz-14kHz (40Hz-8kHz)	40Hz-15kHz (40Hz-8.5kHz)	35Hz-16kHz	35Hz-17kHz
Signal to Noise Ratio, NR off	57dB	57dB	51dB	51dB
Dolby B NR on	—	—	59dB	60dB
dbx NR on	—	—	—	75dB
Wow and Flutter WRMS (1 ⁵ / ₁₆ ips)	0.12% (0.15%)	0.12% (0.15%)	0.12%	0.10%
Dimensions H×W×D	2"×9"×6 1/2"	2"×9"×6 1/2"	2"×9"×6 1/2"	2"×9"×6 1/2"
Weight	2.9 lbs	2.9 lbs	2.9 lbs	2.9 lbs

Microphone	EC-1/EC-1S	EC-3/EC-3S	EC-5	EC-7	EC-9P	EC-15P	EC-33S
Pickup Pattern	Omni	Cardioid	Cardioid	Cardioid	Cardioid	Omni	Dual Cardioid
Transducer Type	Electret	Electret	Electret	Electret	Electret	Electret	Electret
Frequency Response	60Hz-13kHz	50Hz-15kHz	40Hz-15kHz	40Hz-16kHz	30Hz-17kHz	70Hz-16kHz	50Hz-15kHz
Sensitivity re: 1V/1Pa	-52dB	-52dB	-52dB	-52dB	-56dB	-52dB	-46dB
Maximum SPL	116dB	118dB	119dB	123dB	126dB	123dB	118dB
Output Impedance	2k ohms	1.5k ohms	2.2k ohms	250 ohms	250 ohms	1k ohm	1k ohm
Balanced Output	No	No	No	Yes	Yes	Yes	No

Specifications subject to change without notice.

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