



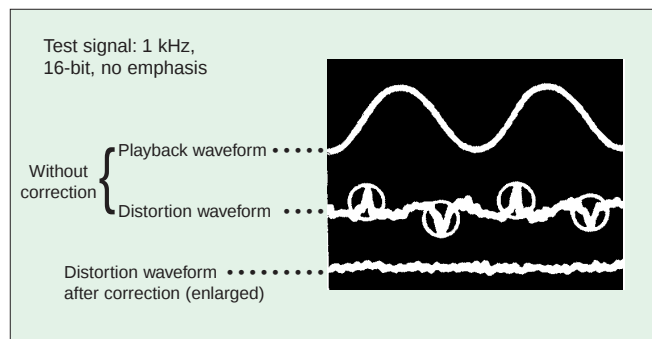
Full-Size MD Recorder for Free-Style Digital Entertainment

■ Sampling Rate Converter Brings Power to Broadcast Recording and Dubbing

The sampling rate converter equipped in the DMD-1300 supports a wide range of sampling frequencies that vary according to the digital sound source. The converter automatically detects such frequencies as 44.1 kHz for MD and CD, 32 kHz, and 48 kHz for DAT in standard mode.

■ ADVANCED SLC Professional-use Digital Technology

The DMD-1300 has been equipped with DENON's ADVANCED Super Linear Converter (SLC) in order to maximize precision in digital-analog conversion and bring to the listener's ears a sound that is highly natural and smooth. The ADVANCED SLC eliminates annoying zero-cross distortion by correcting errors during D/A conversion.



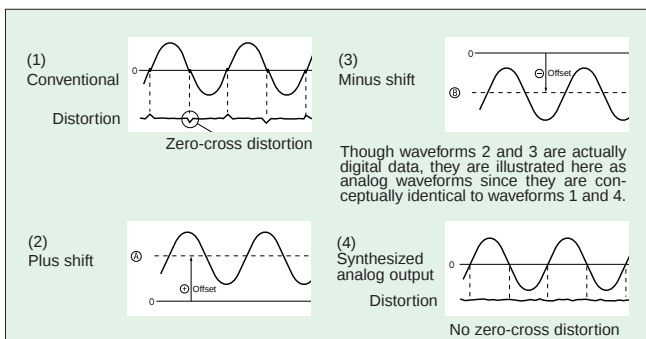
Improvements in the Super Linear Converter

■ 20-bit, 8-times Oversampling Digital Filter

The A/D conversion unit is a fourth-order $\Sigma\Delta$ A/D converter with 64-times oversampling. The DMD-1300 boasts superior sound image localization with linearity and a high S/N ratio during reproduction all along the sonic spectrum from the deep, rich sound spaces down to extremely low-level signals.

■ Character Input Function

Track numbers, titles, artist names and other information can be entered in alphanumeric characters including both lower- and upper-case letters, numbers and symbols. A maximum of 100 characters can be used for each track.



ADVANCED SLC Operation during Small Signal Levels

■ A Wealth of MD Editing Functions

DIVIDE: This function divides a single track into any number of sections for more efficient searching. Any desired point on the track can then be cued up instantaneously. A Rehearsal function is also provided whereby fine adjustments can be made within a range of ± 60 ms at any cued point.

COMBINE: Two consecutive tracks can be combined to make one single track. This function is convenient, for example, when you want to hear two consecutive musical selections without having to cue up each one separately.

MOVE: This function lets you easily change the order of tracks that have already been recorded. This function is particularly convenient when you want to get two tracks next to each other before using the Combine function.

ERASE: This function quickly erases any specified track. Once a track has been erased, the numbers of the succeeding tracks are automatically revised. This function can also be used to erase the entire disc.

■ A Rich Array of Input/Output Terminals for Recording Broadcasts and Dubbing

The DMD-1300's input terminals include one optical digital and one analog input terminal. The output terminals consist of one optical digital and one analog output terminal.

■ Guard Memory to Compensate Momentary Sound Dropouts

Approximately 10 seconds of the music signal is also entered into a buffer memory when playback is started. This ensures uninterrupted playback of the sound should the player be bumped, causing the sound to stop momentarily.

■ A Fun Variety of Playback Functions

25-track Program Play / Random Play / Repeat Play (single-track, all-track)

Specifications

Audio channels	2 channels
	Playback: Stereo/Mono selectable
Recording system	Magneto-optical overwriting system (Magnetic field modulation)
Playback system	Optical pick-up system (Semiconductor laser, non-contact)
Signal compression system	ATRAC (Adaptive Transform Acoustic Coding)
Frequency response	4 Hz - 20 kHz
Signal-to-noise ratio	105 dB
Dynamic range	96 dB
Sampling frequency	44.1 kHz
Wow and flutter	Below measurable limits
Power supply	AC 120 V, 60 Hz
Dimensions	434 (W) x 100 (H) x 285 (D) mm
	17.1" (W) x 3.9" (H) x 11.2" (D)
Weight	4.0 kg, 8.8 lbs

* Specifications are subject to change without notice.

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