

Professional MD Recorder for DJs DN-M2000R



DENON's DN-2500F and DN-2000F MKII have already been accepted as the defacto standards for double CD players in the DJ market. Now, the DN-M2000R joins these models, featuring the same ease of operation but with MD recording functions as well. A single MD drive has been mounted inside this unit's 19-inch, 3U body. The DN-M2000R, of course, provides a wealth of useful features, such as a slider that controls BPM to a maximum of $\pm 8\%$, a Pitch Bend function that controls the beat, a seamless loop playback function and 5-track Hot Start play.

Play Functions

• Hot Start

- Hot Start is possible for up to 5 tracks.
- Tracks can be loaded into Hot Start by detecting the Auto Cue level (-72/-66/-60/-54/-48/-42/-36 dB selectable in Preset mode).
- Sound can be loaded into Hot Start from any track location.
- Loaded tracks can be replaced with new tracks.
- Seamless Loop (Whole Track, not A-B) can be used during Hot Start playback.

• A-B Seamless Loop

You can set a loop's start point A and end point B without interrupting playback.

• Pitch Control ($\pm 8.0\%$, 0.1% steps)

• Instant Start

Playback starts less than 0.01 second after the PLAY button is pressed.

• Auto Cue

After a track is selected, it is automatically cued to the point where audio starts. Cueing takes place at the point where audio starts rather than where the track starts. The level at which sound is first detected can be set between -36 to -60 dB (5 steps).

• Search Accuracy

The Jog Dial can be used to perform accurate searches for Track, Hour, Minute, Second or Frame (1/85 sec).

* In order to provide greater accuracy in editing, 1 frame has been set to 1/85 second on the DN-M2000R.

• End of Message (EOM)

At the end of a track, the PLAY/PAUSE button flashes, providing a visual warning to the operator that the track will end shortly. The point at which the flashing begins can be set within a range of 0 to 30 seconds (7 steps) prior to the end of the track.

• Program Play (Max. 25 tracks)

- When the PLAY mode is set to Single, the player stands by at the beginning of next track.
- When the PLAY mode is set to Continuous, the playback is continued according to your programmed sequence.

• Play mode (Continuous, Single) & Finish mode (Stop, Next, Recue)

Recording Functions

• Instant Recording

Recording starts instantly after the "REC" button is pressed.

• Auto Track Increment

- DN-M2000R detects the silent portion of the program material and automatically increases the track number. The level of the silent portion can be set within a range of -36 to -60 dB (5 steps)
- In the case of digital recording, the subcode (of DAT or CD) is detected to increase the number of tracks.

• UTOC Writing

UTOC is automatically recorded each time recording or editing is performed.

• Using CUE signals to make searches (up to 5 points per track)

Editing Functions

• Basic Editings

- DIVIDE: Smallest edited unit is 11.6 msec (1 sound group)
- ERASE TRACK/ERASE DISC
- COMBINE
- MOVE
- TRACK NAME
- DISC NAME

Up to 100 characters can be used for each name, however, the combined total number of characters cannot exceed 1700.

- Cue signals can also be edited (erased, rewritten or added to later).

• Preset Mode

- 1) Finish mode: Finish Recue*/Finish Stop/Finish Next
- 2) Auto Cue Level: Cue Det. OFF/Cue Det. (-36/-42/-48*/-54/-60)
- 3) End Of Message: E.O.M. OFF/E.O.M. (5/10*/15/20/25/30/35 sec.)
- 4) E.O.M. Timing: Continuous/A-B
- 5) Inc. Level: -36/-42/-48*/-54/-60 dB
- 6) Digital Inc.: Auto Inc. DIG./Auto Inc. Det.*/Auto Inc. OFF
- 7) SCMS: SCMS ENA*/SCMS INH
- 8) Hot Start: ON*/OFF
- 9) Preset Clr: ON/OFF*
- 10) Servo Auto Setting: Sleep ON*/Sleep OFF
- 11) MONO Rec: STEREO*/MONO
- 12) Microprocessor Ver.: Ver. xxxx yyyy
- 13) Program Data Store: Program 1 OFF*/Program 1 ON
- 14) Input Signal: Analog/Digital
- 15) Pitch Control (Pitch Bend): 8%

* : Initial Setting

General Functions

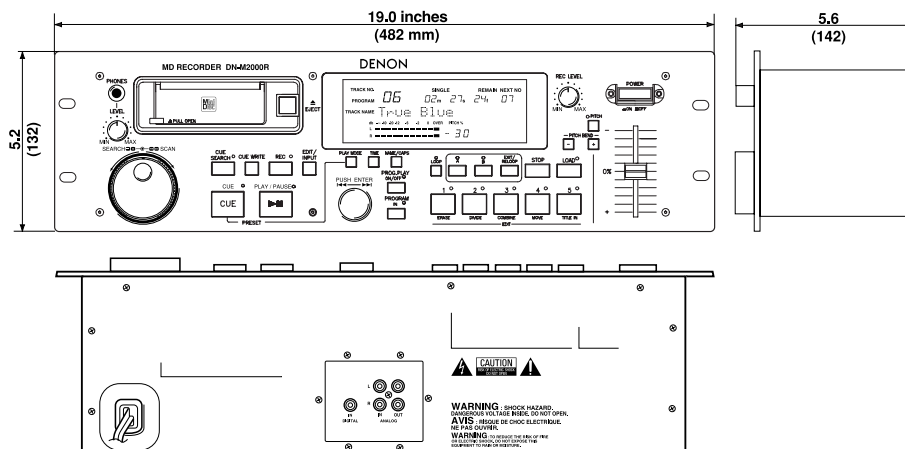
- 19-inch rack-mountable (Height: 3U)
- Large FL display
- Track Search Select knob (Easy track selection)
- Jog/Shuttle wheel

Design and specifications are subject to change for improvement without notice.

Specifications

| | |
|--|---|
| Type | MiniDisc Recorder |
| Audio Channels | 2 channels (Stereo), 1 channel (Mono) |
| Playback System | Optical pickup system (Semiconductor laser, non-contact) |
| Recording System | Magneto-optical overwriting system (Magnetic field modulation) |
| Signal Compression System | ATRAC version 4.0 (Adaptive Transform Acoustic Coding) |
| Rotating-disc Speed | Approx. 400-900 rpm |
| Recording/Playback time | 74 min. (Stereo), 148 min. (Mono) |
| Quantization Bits | A/D Converter: 16-bit, D/A Converter: 18-bit |
| Sampling Frequency | 44.1 kHz |
| Total Harmonic Distortion | 0.015% or less (Playback, A filter) 0.02% or less (Recording, A filter) |
| S/N Ratio | 92 dB or higher (Playback, A filter) 84 dB or higher (Recording, A filter) |
| Channel Separation | 82 dB or higher (Playback, A filter) 78 dB or higher (Recording, A filter) |
| Frequency Response | 20 Hz-20 kHz |
| Analog outputs (1 kHz, 0 dB playback) | |
| Transfer and Connector | Unbalanced, RCA connector *1 |
| Output Level | 1.7 Vrms, 10 kohms |
| Analog inputs | |
| Transfer and Connector | Unbalanced, RCA connector |
| Input Level | 1.7 Vrms, 47 kohm |
| Digital input | |
| Transfer and Connector | Unbalanced, RCA connector |
| Signal Format | IEC-958 Type II/SPDIF |
| Input Level | 0.3 to 1.0 Vp-p, 75 ohm |
| Headphone Output | 20 mW (30 to 40 ohm) |
| Power Supply | AC 120 V (108-132 V)/230 V (207-255 V), 50/60 Hz |
| Power Consumption | 19 W |
| Dimensions | 483 (W) x 132 (H) x 128 (D) mm 19.0 (W) x 5.2 (H) x 5.0 (D) inches (excluding feet) |
| Weight | 5.5 kg, 12.1 lbs. |

| Pin No. | U.S.A. & Canada | Europe, Asia & Others |
|--|-----------------|-----------------------|
| (Factory default is set as below. Swapping internal jumpers can change #2 to Hot.) | | |
| 1 | Common | Common |
| 2 | Cold | Hot |
| 3 | Hot | Cold |



DENON

DENON ELECTRONICS
DIVISION OF DENON CORPORATION (U.S.A.)
222 NEW ROAD, PARSIPPANY, NEW JERSEY 07054 U.S.A.
TEL: 973-575-7810
www.del.denon.com

DENON CANADA, INC.
17 DENISON STREET, MARKHAM
ONTARIO, CANADA L3R 1B5
TEL: 905-475-4085

NIPPON COLUMBIA CO., LTD.
14-14, AKASAKA 4-CHOME, MINATO-KU, TOKYO 107-11 JAPAN
www.denon.co.jp