

DENON

PROFESSIONAL

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DN-300R

Solid-State SD/USB Audio Recorder

Key Features:

- Records WAV and Mp3 files to SD and USB media simultaneously
- Simple and easy to use
- Powers-up in record-ready mode
- Ability to record one media at -10dB for a safety track
- Balanced and unbalanced inputs and outputs
- Compact 1RU design

Overview:

The DN-300R records to both SD and USB media simultaneously – perfect for recording conferences where the client needs a copy of the recording after the event. With outstanding ease-of-use and simple operation, anyone can use the DN-300R right out of the box and record to SD, USB or both. The DN-300R is exactly what the market is looking for in terms of a simple but high-quality recording solution for commercial applications. The DN-300R gives installers and contractors the flexibility and convenience they need for total commercial recording capability.

Specifications:

Digital Audio System

- System: Solid-state SD/USB audio recorder/player
 - Compatible Media (FAT16, FAT32)
 - USB Device (mass storage class)
 - SD/SDHC
 - SDXC
- Supported File Formats
 - MP3
 - Sampling frequency: 44.1 kHz
 - Bit rate: 192, 256 kbps (recording); 64 - 320 kbps and VBR (playback)
 - Format: MPEG1 Audio Layer 3
 - File extension: .mp3
 - WAV
 - Sampling frequency: 44.1, 48 kHz
 - Bit depth: 16-bit (44.1 kHz), 24-bit (48 kHz)
 - Format: Waveform Audio File Format
 - File extension: .wav
- Number of Channels: 2 channels / stereo
- Audio Frequency Range: 10 - 20 kHz (\pm 1.0dB recording, \pm 0.8 dB playback)
- Signal-to-Noise Ratio
 - Recording: > 95 dB (1 kHz, 0dB A-weighted)
 - Playback: > 95 dB (1 kHz, 0dB A-weighted)
- Channel Separation
 - Recording: > 80 dB (1 kHz, 0dB A-weighted)
 - Playback: > 90 dB (1 kHz, 0dB A-weighted)
- Wow and Flutter: < 0.001 %

- Distortion
 - Recording: < 0.008 %
 - Playback: < 0.006 %
- Total Harmonic Distortion: < 0.01% (1 kHz, 0dB A-weighted)

Inputs

- Balanced XLR
 - Nominal level: +4 dBu \pm 1 dBu
 - Minimum level: -40 dBu
 - Maximum level: 20 dBu \pm 1 dBu
 - Input impedance: 18 Ω
- Unbalanced RCA
 - Nominal Level: -10 dBV (at full scale: -16 dBu)
 - Minimum input Level: -19 dBV or higher
 - Input impedance: 22 k Ω \pm 10%

Outputs

- Balanced XLR
 - Nominal level: +4dBu \pm 1 dBu
 - Maximum output level: +20 dBu \pm 1 dBu
 - Output impedance: 600 Ω \pm 10%
- Unbalanced RCA
 - Nominal level: -10 dBV \pm 2 dBV
 - Minimum output level: 6 dBV \pm 2 dBV
 - Output impedance: 600 Ω \pm 10%

Connectors

- (2) XLR outputs
- 1/4" (6.35mm) headphone output
- RCA stereo output pair
- XLR inputs
- RCA stereo input pair
- USB port
- SD card slot
- IEC AC power input

Power

- Connection: IEC
- Input Voltage: 100 - 240 V~, 50/60 Hz

Dimensions (W x D x H): 19.0" x 10.92" x 1.72" (484 x 277 x 44mm)

Weight: 6.6 lbs (3 kg)