



## 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:

### 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 - 32 (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 ( $\pm 1.0$ dB reco playback)

## Denon Professional DN-300R Solid State Recorder



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.

- 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 ± 1 dBu
    - Minimum level: -40 dBu
    - Maximum level: 20 dBu ± 1 dBu
    - Input impedance: 18 kΩ ± 10%
  - Unbalanced RCA
    - Nominal Level: -10 dBV (at full scale: -16 dBV)
    - Minimum input Level: -19 dBV or higher
    - Input impedance: 22 kΩ ± 10%
- Outputs
  - Balanced XLR
    - Nominal level: +4dBu ± 1 dBu
    - Maximum output level: +20 dBu ± 1 dBu
    - Output impedance: 600 Ω ± 10%
  - Unbalanced RCA
    - Nominal level: -10 dBV ± 2 dBV
    - Minimum output level: 6 dBV ± 2 dBV
    - Output impedance: 600 Ω ± 10%
- Connectors
  - (2) XLR outputs
  - (1) 1/4" (6.35mm) headphone output
  - (1) RCA stereo output pair
  - (2) XLR inputs
  - (1) RCA stereo input pair
  - (1) USB port
  - (1) SD card slot
  - (1) IEC AC power input
- Power
  - Connection: IEC
  - Input Voltage: 100 - 240 V~, 50/60 Hz
- Dimensions (width x depth x height): 19.0" x 10.92" x 44mm)
- Weight: 6.6 lbs (3 kg)