



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 (± 1.0 dB recording, ± 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 ± 1 dBu
 - Minimum level: -40 dBu
 - Maximum level: 20 dBu ± 1 dBu
 - Input impedance: 18 k Ω
 - Unbalanced RCA
 - Nominal Level: -10 dBV (at full scale: -16 dBu)
 - Minimum input Level: -19 dBV or higher
 - Input impedance: 22 k Ω ± 10 %
 - Outputs
 - Balanced XLR
 - Nominal level: $+4$ dBu ± 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 \sim , 50/60 Hz
 - Dimensions (width x depth x height): $19.0'' \times 10.92'' \times 1.72''$ (484 x 277 x 44mm)
 - Weight: 6.6 lbs (3 kg)