



DN-300R

SD 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.

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

Technical 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 depth	192 or 256 kbps (recording); 64 – 320kbps and VBR (playback)
	Format	MPEG1 Audio Layer 3
	File extension	.mp3
WAV	Sampling frequency	44.1, 48 kHz

	Bit depth	192 or 256 kbps (recording); 64 – 320kbps and VBR (playback)
	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 \pm 1 dBu
	Minimum level	- 40 dBu
	Maximum level	20 dBu \pm 1 dBu
	Input impedance	18 k Ω
Unbalanced RCA	Nominal Level	10 dBV (at full scale: -16 dBu)
	Minimum input	-19 dBV or higher
	Input impedance	22 k Ω \pm 10%
Outputs		
Balanced XLR	Nominal level	+4dBu \pm 1 dBu
	Max 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) 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 (w x d x h)	19.0" x 10.92" x 1.72" (484 x 277 x 44mm)	
Weight	6.6 lbs (3 kg)	

General	
Power Requirement	100-230 VAC, 50/60 Hz
Power consumption	45W
Dimensions (with rack ears)(w x d x h)	19" X 9.8" X 3.5" 483 x 249 x 89mm
Weight	9 lbs. 4.06kg