



DN-300R

Solid-State SD/USB Audio 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



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 (± 1.0dB 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 kΩ
	Unbalanced RCA	Nominal Level	10 dBV (at full scale: -16 dBu)
		Minimum input	-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	

Connectors		(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 1.72" (484 x 277 x 44mm)
	Weight	6.6 lbs (3 kg)