

## DN-300RMKII

### Solid-State SD/USB Audio Recorder

Records WAV and Mp3 files to SD and USB media simultaneously

Simple and easy to use

Powers-up in record-ready mode

Dual Stereo & Dual Mono modes for recording -10dB safety tracks on the same media

Balanced and unbalanced inputs and outputs

Compact 1RU design



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### Solid-State SD/USB Audio Recorder

The DN-300RMKII 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-300RMKII right out of the box and record to SD, USB or both. Utilising Dual Mono or Dual Stereo modes, the ability to record a second mono or stereo file at -10dB on the same media is supported - even when recording to both SD and USB at the same time. The DN-300RMKII is exactly what the market is looking for in terms of a simple but high-quality recording solution for commercial applications. The DN-300RMKII 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
- Dual Stereo & Dual Mono modes for recording -10dB safety tracks on the same media
- 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 – 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 ( $\pm 1.0$ dB 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 k $\Omega$	
	Unbalanced RCA	Nominal Level	10 dBV (at full scale: -16 dBu)	
		Minimum input Level	-19 dBV or higher	
		Input impedance	22 k $\Omega$ $\pm$ 10%	
Outputs	Balanced XLR	Nominal level	+4dBu $\pm$ 1 dBu	
		Maximum output level	+20 dBu $\pm$ 1 dBu	
		Output impedance	600 $\Omega$ $\pm$ 10%	
	Unbalanced RCA	Nominal level	-10 dBV $\pm$ 2 dBV	
		Minimum output level	6 dBV $\pm$ 2 dBV	
		Output impedance	600 $\Omega$ $\pm$ 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)