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DN-300RMKII 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
- Dual Stereo & Dual Mono modes for recording -10dB safety tracks on the same media
- Balanced and unbalanced inputs and outputs
- Compact 1RU design

Overview:

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. Utilizing 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.

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
 - Outputs

DN-300RMKII

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