



# 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 (± 1.0dB 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 k $\Omega$
- Outputs
  - Balanced XLR
    - Nominal level:
      - +4dBu ± 1 dBu
    - Maximum output level:
      - +20 dBu ± 1 dBu
    - Output impedance:
      - 600  $\Omega$ , ± 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)