DN-280 Zone Amplifier with Microphone Input

Key Features:

- Class D 100W mono amplifier
- Trim one-half rackspace height - rackmountable or stand-alone
- Removable feet and option to mount two units together in a 1RU space
- Paging microphone input with gain control
- Tone and master volume controls
- RCA inputs (L/R stereo inputs summed to MONO)
- 3.5mm (1/8") AUX input
- 70V/100V/4Ω Euroblock output

Overview:

If you need a compact, high-powered amplifier that sums stereo signals into a mono output for paging, P.A. announcements and background music applications, the Denon Professional DN-280 is the ideal solution. With a space-saving, one-half rack space profile, the DN-280 features a microphone input for paging, a front panel 3.5mm (⅛-inch) AUX input and stereo analog inputs (summed to MONO) for signals from external playback devices such as an iPhone or stereo tuner.

The amplifier handles a 4Ω load or 70V/100V speaker runs, perfect for multiple speaker setups in small retail stores or doctor's offices. A cool-running, powerful Class D amplifier delivers 100 watts with <0.1% THD and an outstanding Signal-to-Noise Ratio of >95dB, ensuring extremely clean performance under all conditions. The DN-280 has built-in short circuit protection and front-panel LED indicators for signal present, clipping status and thermal interruption.

Specifications:

- Total Harmonic Distortion: <0.1% (A-weighted)
- Frequency Response: 100Hz – 15kHz (+0/-3dBv)
- Signal-to-Noise Ratio: >95dB (A-weighted)
- Damping Factor: >200 (1k 8Ω)
- Output Power: 60W
- Connectors
  - (1) Euroblock channel output
  - (1) Dual RCA input
  - (1) XLR / TRS 1/4" (6.35mm) combination input
  - (1) TRS ⅛" (3.5mm) auxiliary inpu
- Input Sensitivity
  - Dual RCA input: 0+/-1dBv
  - Auxiliary input: -10+/-1dBv
  - Combination input: -30+/-1dBv
  - Input Impedance: 20kΩ balanced or 10kΩ unbalance
- Power
  - 100V ~, 50/60Hz, 100W
  - 110–120V ~, 50/60Hz, 100W
  - 220–240V ~, 50/60Hz, 100W
  - Voltage Gain: 40+0/-1dB (100V)
- Dimensions (width x depth x height): 7.9" x 10.7" x 1.7" (200 x 273 x 43mm)
- Weight: 5.3 lbs. (2.4kg)