

# DN-280

## Zone Amplifier with Microphone Input

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-inch) AUX input

70V/100V/4Ω Euroblock output



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## Zone Amplifier with Microphone Input

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 (1/8-inch) AUX input and stereo analogue 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.

### 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-inch) AUX input
- 70V/100V/4Ω Euroblock output

## Technical 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 ¼" (6.35mm) combination input
		(1) TRS ⅛" (3.5mm) auxiliary input
Input Impedance		20kΩ balanced or 10kΩ unbalanced
Input Sensitivity	Dual RCA input:	0+/-1dBv
	Auxiliary input:	-10+/-1dBv
	Combination input:	-30+/-1dBv
Voltage Gain		40+0/-1dB (100V)
Power		100V ~, 50/60Hz, 100W
		110–120V ~, 50/60Hz, 100W
		220–240V ~, 50/60Hz, 100W
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