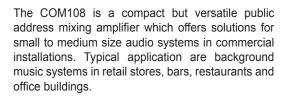# COM108

Public address mixing amplifier

▶ Features

- **80 Watt RMS output power**
- **Stereo line input**
- **Balanced microphone / line input**
- **Phantom power & priority on microphone**
- **Low impedance & constant voltage output**
- **Individual input level control**
- **Priority mute contact**
- **Table top or half rackspace installation**

▶ Applications

- **Small to medium commercial installations**
- **Retail & warehouses**
- **Bars & restaurants**
- **Schools & public buildings**
- **Office buildings**
- **...**

The COM108 is a compact but versatile public address mixing amplifier which offers solutions for small to medium size audio systems in commercial installations. Typical application are background music systems in retail stores, bars, restaurants and office buildings.

The compact and simple design allows installation in any location and operation through any possible user.

The amplifier is designed using Class-D amplifier technology and delivers an output power of 80 Watt to constant voltage (100V and 70V) or low impedance (4 Ohm) audio systems. A switch mode power supply allows compatibility with a wide variation of mains voltages for global compatibility.

A stereo line input allows connection for a wide variation of audio sources such as media players, radio tuners, internet audio players, ... and many more. A balanced mic / line input allows connection for an announcement microphone with compatibility for condenser microphones using the integrated phantom power supply (15V). A priority switch overrides the background music when enabled, and compatibility with voice file players is guaranteed by the wide gain adjustment possibility (0 dB - +50 dB).

Both table-top installation or half 19" equipment rack mounting is made possible using the included adapters.

▶ Specifications

SYSTEM SPECIFICATIONS			
RMS output power			80 Watt
Frequency response			20 Hz - 20 kHz
Signal to noise ratio			> 90 dB
THD+N by 1 kHz (1/2 Rated Power)			< 0.5 %
Crosstalk			> 70 dB
Technology			Class D
Power supply			Switching mode
Power supply range			100 ~ 240 V AC / 50 ~ 60 Hz
Inputs	Line in	Type	Unbalanced line (-4 dB / +20 dB)
		Connectors	Stereo RCA
	Mic in	Type	Balanced mic/line (-0 dB / +50 dB)
		Connectors	3-pin Terminal block (3.81 mm pitch)
		Other	Priority & phantom power (15V DC)
	Extra		Priority mute contact
Outputs	Connectors		4-pin Terminal block 5.08 mm
	Voltage/Impedance		100V / 70V / 4Ω /
Protection	Amplifier		DC Short-circuit
			Over heating
			Over load
			Signal limiting
Cooling system			Convection cooled
Operating temperature			0° ~ 40° at 95% Humidity
PRODUCT FEATURES			
Dimensions (Width x Height x Depth)			217.5 x 43.7 x 300 mm
Weight net			3 Kg
Mounting			Tabletop / Half 19" rackspace
Construction			Steel
Colour			Black
SHIPPING & ORDERING			
Packaging			Cardboard box
Shipping weight and volume			4 Kg - 0.042 Cbm
Accessories included			Rackmount adapter

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.