



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 inputs 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).

The COM108 is a table-top standing device, while rack mounting in 10.5" or 19" equipment racks is possible using an optionally available mounting set (MBS310).

► 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	
Optional accessories	MBS310 Rack mounting set	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.		