



COM104

Public Address Amplifier 40W 100V

The COM104 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 40 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 optional adapters.



System specifications:

RMS Power	@ 4 Ω	1 x 40 W
Inputs	Balanced Microphone	Sensitivity (1W/1m)
	Connector	-0 dB ~ +50 dB
	Type	3-pin Euro Terminal Block (Pitch - 3.81 mm)
	Unbalanced Stereo	1 x Balanced Microphone
	Type	1 x Stereo Unbalanced Line
	Connector	RCA
	Sensitivity (1W/1m)	-4 dB ~ +20 dB
Frequency	Response (± 3 dB)	20 Hz - 20 kHz
Signal / Noise		> 90 dB
THD+N (@ 1 kHz)		< 0.5% (1/2 Rated Power)
Crosstalk (@ 1 kHz)		> 70 dB
Technology		Class-D
Power	Supply	Switching mode
	Operating	100 ~ 240 V AC / 50 ~ 60 Hz
Inputs	Balanced Microphone	Phantom Power
		15 V DC
		Priority mute contact
Outputs	Connector	4-pin Euro Terminal Block (Pitch - 5.08 mm)
	Voltage / Impedance	100/ 70 V / 4 Ω
Protection	Amplifier	DC Short circuit
		Over heating
		Over load
		Signal limiting
Cooling		Convection cooled
Operating temperature		0° ~ 40° @ 95% Humidity

Product Features:

Dimensions	217.5 x 43.7 x 300 mm (W x H x D)
Weight	3 kg
Mounting	1/2 19" / 1 HE or tabletop
Construction	Steel
Colours	Black

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	4 kg - 0.042 Cbm
Accessories	Optional 19" Rackmount adapter