



Professional Public Address System

EMPA-3250 250W Power Amplifier

AMPLIFIER
www.emix.com.my



The EMPA-3250 is a highly efficient 250W power amplifier that has balanced/unbalanced input and output. It has a built in temperature controlled fan for increase reliability and has the option of selecting the input sensitivity level (1V, 500mV and 100mV). The EMPA-3250 is built to be both functionally superior and physically robust and thus, very suitable for different configurations of public addressing system. Finally, the EMPA-3250 can be powered through the usual 240Vac or 24Vdc.

FEATURES

Input Sensitivity Setting

The Input Sensitivity can be altered to accept 1V, 500mV or 100mV input signal. The unit consists of a single channel input for both Balanced and Unbalanced signal in XLR connector and RCA sockets respectively.

Various Impedance Speaker Output with Priority Input

Provide 100V and 70V line output with 8 Ohm low impedance speaker output through the rear terminal connector.

Temperature Sensing Cooling Fan Operation

Built-in temperature sensing capability which allows for the automatic activation of the fan cooling mechanism. This would effectively prolong the lifespan of the amplifier.

240VAC and 24VDC Power Input (Dual Supply)

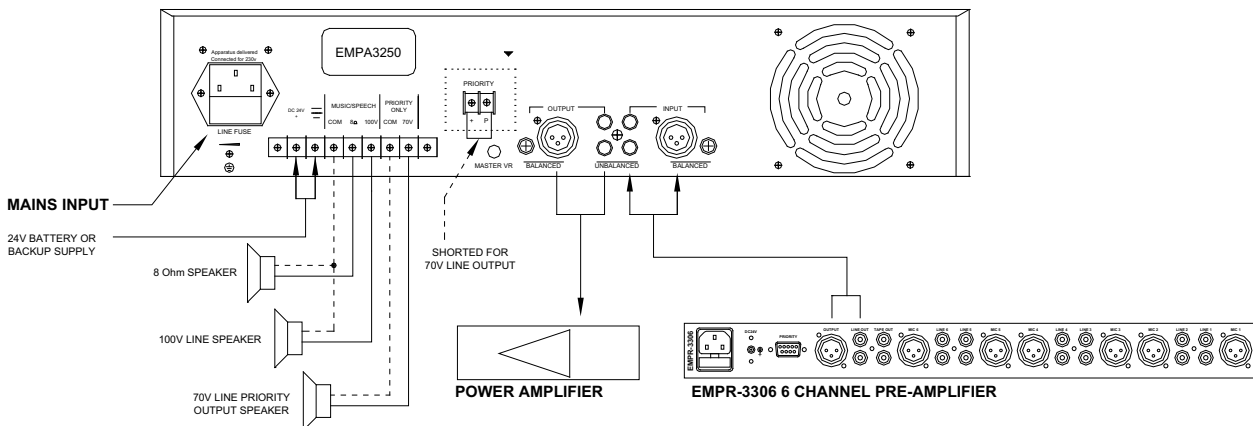
Accept 240VAC power input and 24VDC during battery backup.

Led VU Meter Display

VU Meter LED Display of audio level allows visual monitoring of audio level at all times.

TECHNICAL SPECIFICATIONS

Power Requirement	240VAC / 24VDC
Rated Output	250W
Maximum Output	360W
AC Power Consumption	760W (At Maximum Output of 720W)
DC Current Consumption	16A
Total Harmonic Distortion	< 1% / 1Khz
Frequency Response	100Hz ~ 20Khz
Input	<ul style="list-style-type: none"> Balanced XLR, 1V, 47KΩ Unbalanced RCA Jack, 1V, 47KΩ
Signal / Noise Ratio	> 80dB
Output	<ul style="list-style-type: none"> 100V Line(40 Ohm) - Terminal Connector 70V Line (20 Ohm) - Terminal Connector 8Ohm Terminal Connector Line Output (Unbalanced RCA Connector and Balanced XLR Connector)
Cooling System	Fan Cooling With Temperature Sensing
Dimension (W X H X D)	430mm X 133mm X 365mm
Weight (Max)	13Kg
Front Panel Indicator	VU Meter For Line Output 5mm LED Power Indicator



Connection Diagram