

MP6224II

250W Mixer Amplifier for Commercial PA & BGM



Description

The 250W Mixer Amplifier for Commercial PA & BGM is a high-performance public address solution designed for background music, paging, and voice announcement applications. It is suitable for commercial and public address installations such as retail spaces, offices, educational facilities, and multi-purpose venues, delivering clear, stable, and intelligible audio for professional sound distribution systems.

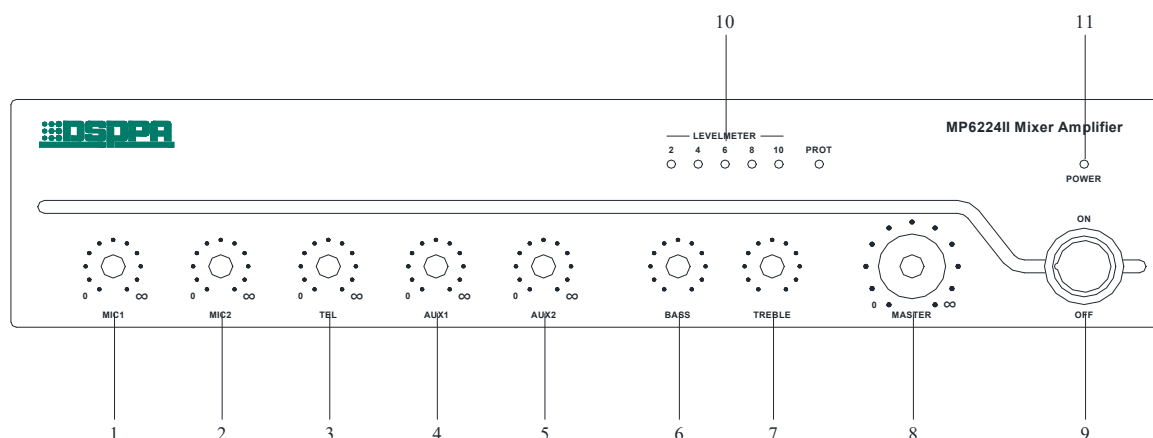
Features

- High-performance commercial mixer amplifier for public address and background music systems.
- Built-in 2 microphone inputs, 2 AUX inputs, and 1 TEL input, with independent volume control for each channel.
- Dual electronically balanced microphone inputs for improved noise rejection and signal stability.
- MIC 1 and MIC 2 with selectable phantom power support for condenser microphones.
- One auxiliary output with flexible system expansion capability.
- Zone 2 output with independent gain control for flexible audio distribution.
- Master volume control with wide-range tone adjustment (± 10 dB bass and treble control).
- Supports multiple speaker output modes: 70V / 100V constant voltage and 4–16 Ω low impedance output.
- Designed for reliable operation in continuous-duty commercial installations.

Specifications

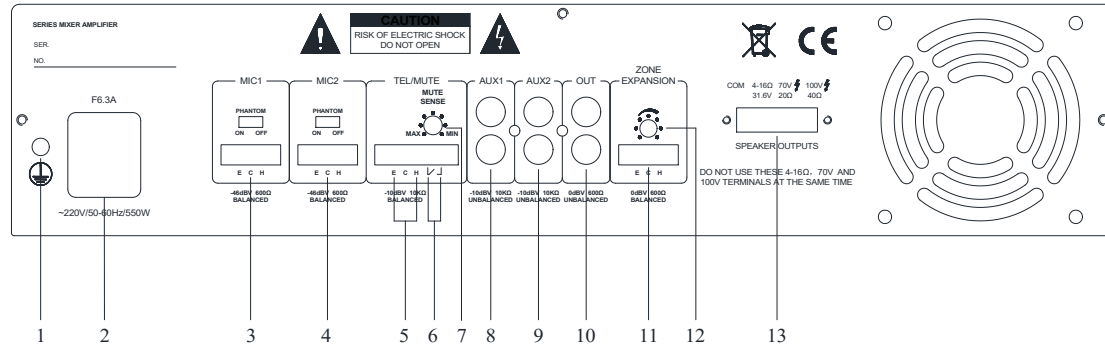
Model	MP6224II
Rated Power	250 W
Power Consumption	250 W (EN60065), 550 W at rated output (AC)
Frequency Response	50Hz – 20 kHz (± 3 dB)
Distortion	$\leq 1\%$ at 1 kHz, 1/3 rated power
Input	MIC1 & MIC2: -46 dBV, 600 Ω , balanced, phoenix terminal (3.81 mm barrier spacing) TEL: -10 dBV, 10 k Ω , balanced, phoenix terminal (3.81 mm barrier spacing) AUX1 & AUX2: -10 dBV, 10 k Ω , unbalanced, RCA jack
Output	Speaker out: Balanced (floating), M3 screw terminal, distance between barriers: 7.62 mm (0.3") High impedance: 40 Ω (100 V), 20 Ω (70 V) Low impedance: 4 Ω (31.6 V) Auxiliary out: 0 dBV, 600 Ω , unbalanced, RCA jack
Tone Control	Bass: ± 10 dB at 100 Hz Treble: ± 10 dB at 10 kHz
Signal to Noise Ratio	≥ 65 dB
Power Source	220V AC
Phantom Power	DC +48V ± 3 (MIC 1&MIC2)
Muting	MIC1, MIC2, and TEL feature a priority function that attenuates AUX1 and AUX2 input signals by 30 dB; Sensitivity for MIC1, MIC2, and TEL is adjustable; MIC1, MIC2, and TEL have equal priority.
Finish	Panel: Aluminium alloy, black & white Enclosure: Metal plate, black
Dimensions	430 (W) \times 88 (H) \times 374 (D) mm (16.93" \times 3.46" \times 14.72")
Weight	13.51kg

Front / Rear Panel



1. MIC1 Volume Control
2. MIC2 Volume Control
3. TEL Volume Control

4. AUX1 Volume Control
5. AUX2 Volume Control
6. Bass Control
7. Treble Control
8. Master Volume Control
9. Power Switch
10. Signal Level Indicator
11. Power Indicator



1. Ground Terminal
2. AC Power Input
3. MIC1 Phantom Power & MIC1 Input
4. MIC2 Phantom Power & MIC2 Input
5. TEL Input
6. Short-Circuit Trigger Input
7. Mute Sensitivity Control
8. AUX1 Input
9. AUX2 Input
10. Auxiliary Output
11. Zone Expansion for Connecting to the Next Amplifier
12. Signal Output Volume Control
13. Speaker Output