

MP200PIII 300PIII 600PIII 1000PIII

PA Power Amplifier with Built-in Preamp



MP200PIII MP300PIII



MP600PIII MP1000PIII

Description

The MP200PIII series Mixer Amplifier is a versatile public address solution, integrating 3 MIC and 2 AUX inputs with independent volume controls for flexible audio management. Equipped with Bass and Treble tone control, 70 V/100 V constant-voltage and P1 low-impedance outputs, it delivers stable and clear sound across various environments. The MIC1 priority mute function ensures important announcements are heard clearly, making it ideal for schools, conference rooms, commercial spaces, and other public broadcasting applications.

Features

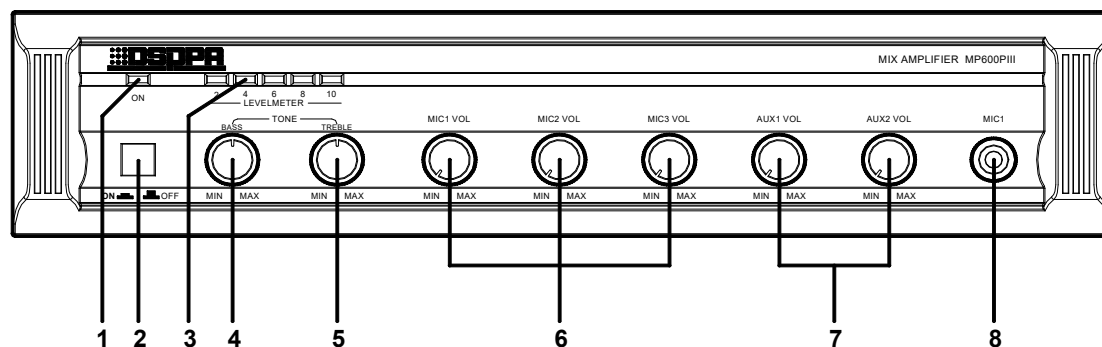
- Three microphone inputs, two auxiliary inputs, and one auxiliary output, ideal for public address applications.
- 100V and 70V constant-voltage outputs, and P1 low-impedance output.
- Includes mute function for easy insertion of priority broadcasts.
- Independent volume control for each channel.
- Bass and treble tone control.
- 5-segment LED level meter for easy monitoring of operating status.
- Output short-circuit protection with alarm indication.

Specifications

Model	MP200PIII	MP300PIII	MP600PIII	MP1000PIII
Rated Output Power	60W	120W	250W	350W
Output Voltage Regulation	≤3dB (from full load to no load)			
Output Mode	P1, 70V/100V constant-voltage output			
Auxiliary Output Level	≥700mV			
Minimum Source EMF	Mic: ≤3.3mV (unbalanced) Line: ≤300mV (unbalanced)			
Frequency Response	80Hz-16kHz (±3dB)			
Total Harmonic Distortion	≤1% (1kHz, under normal operating conditions)			
Signal-to-Noise Ratio	Line input: ≥74dB (wideband)			
Tone Control Range	Bass: ±10dB (100Hz) Treble: ±10dB (10kHz)			
Protection	AC fuse, DC output, overload, short circuit			
Mute Function	MIC1 input overrides other inputs (attenuation 0 to -30dB)			
Power Supply	AC 220V/50Hz			
Rated Power Consumption	120W	250W	500W	650W
Package Dimensions (mm)	(L×W×H) 520×430×195			
Product Dimensions (mm)	(L×W×H) 483×338×88			
Gross Weight	10.3kg	10.8kg	14.8kg	15.2kg
Net Weight	8.5kg	9kg	13kg	13.4kg

Front / Rear Panel

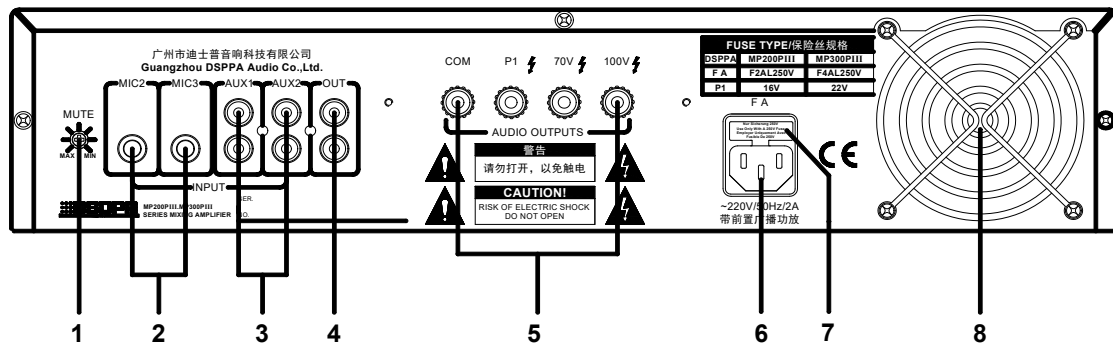
Front Panel



1. Power Indicator
2. Power Indicator
3. LED Level Meter
4. Bass Control
5. Treble Control
6. MIC Volume
7. AUX Volume
8. MIC1 (Priority) Input

Note: When all 5 LED segments remain lit, it indicates overload distortion. Adjust the corresponding volume knobs so that the 4th and 5th LEDs flash.

Rear Panel



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|--------------------|---------------------|-------------|
| 1. Mute Control | 4. AUX Output | 7. Fuse |
| 2. MIC2/MIC3 Input | 5. Output Terminals | 8. Fan Vent |
| 3. AUX1/AUX2 Input | 6. AC Power Input | |

Note: Only one pair of the four output terminals should be used at a time.