

PM-2250/PM-2500 2 Channel Class D Digital Mixing Amplifier Built-in USB MP3/Bluetooth Player

Product ID: PM-2250/PM-2500



Short Description

Rated power: 2*250W / 2*500W

Built-in USB MP3/Bluetooth player

5 MIC, 2 AUX input, 1 AUX output for link

2 channels 70V/100V and 4-8? outputs

Description

Our 2-Channel MP3/Bluetooth Mixing Amplifiers are designed with professional-grade 70V/100V amplifiers that deliver up to 250 or 500 Watts per channel. Each channel has its own individual controls, including Bass Tone, Treble Tone, and Volume Control.

The 2U rack-mountable commercial amplifiers feature Class D amplification technology, which is extremely energy-efficient and capable of producing a powerful output signal.

The mixing amplifiers are perfect for large, medium, or small audio systems in spaces such as restaurants, meeting halls, sports venues, and other areas requiring multiple speakers.

Key Features

- **Flexible Output Options**
Supports 70/100-volt and 4-8 ohms output loads with options for 2x250W and 2x500W.
- **Multiple Audio Sources**
Includes Bluetooth, USB, and AUX input for versatile audio playback.
- **Display Screen**
The screen displays the status while playing media sources.
- **Class D Amplification**
Features Class D amplification technology for high energy efficiency and powerful output.
- **Microphone Inputs**
Includes five microphone input jacks, with Mic1, Mic2, and Mic3 providing 48V Phantom Power.
- **Voice Priority Feature**
Press the "VOICE PRIORITY" button to give Mic1 priority over other inputs.
- **Line Output**
Supplies an audio signal to additional amplifiers.
- **Comprehensive Protection**
Provides complete protection against output short circuits, overloads, and high temperatures, with LED meters indicating the level status for each channel.

Specification

Model	PM-2250	PM-2500
Amplifier System	2-Channels Class-D 90% efficient	

Rated Power	2*250W	2*500W
Audio Input	Bluetooth, U-disk and AUX	
AUX Input	2xRCA (L/R), unbalanced	
MIC Input	Mic1/Mic2/Mic3 with XLR and 6.35 jack Mic4/Mic5 with 6.35 jack	
Audio Output	Low impedance: 4 - 8 ohms (?) Constant voltage:70V / 100V	
AUX Output	1xRCA (L/R), unbalanced	
LED Indicator	Power, signal, clip, protection	
S/N	MIC: >75dB	
Frequency Response	60Hz -15KHz (± 3 dB)	
Tone Control	Bass : ± 10 dB (100Hz)	
	Treble : ± 10 dB (10KHz)	
T.H.D.	<1% at 1KHz	
Protection	Short circuit, overload, high temperature	
AC Fuse	T4A	T8A
Power Requirements	AC 110V-240V($\pm 10\%$), 50 / 60 Hz	
Power Consumption	600W	1200W
Net Weight	9.0Kg	11.0Kg
Product Dimensions (WxDxH)	483 x 350 x 89 mm	
Gross Weight	10.5Kg	12.5Kg
Packing Dimension (WxDxH)	520 x 435 x 185 mm	

Product Gallery

