MP6425   250W 70V-100V-4Ω Power Amplifier

Features

➢ Transformer isolated 100V, 70V and 4Ω speaker outputs, balanced, no grounding.

➢ 5 LED indicators for status display

➢ XLR socket and 6.35mm jack for amplifier link

➢ Short circuit output protection & LED display

➢ Series amplifiers of high output power available.

Description

This amplifier is designed for commercial and industrial public address applications. Rack mount design in 2U type and rated power is 250W.

Both balanced and unbalanced line inputs are available for each channel. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V and 4Ω speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included. Complete protection includes clip, short circuit, high temp and overload. With indications for power, signal, clip, protection and temp.
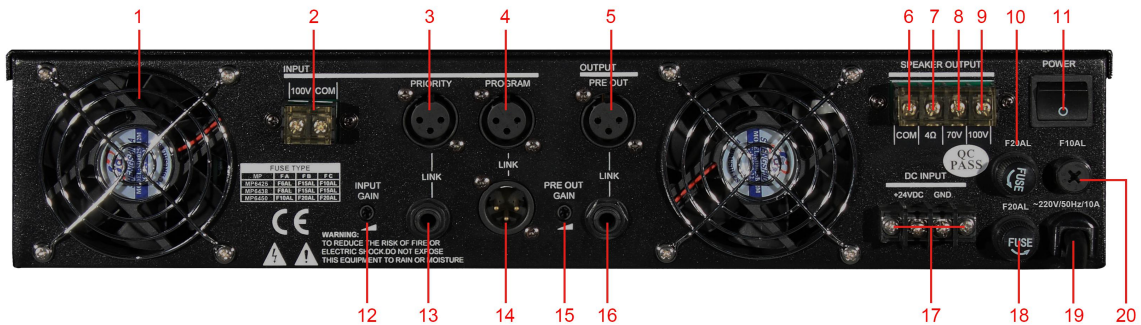
Specification

Model	MP6425	MP6438	MP6450
Rated Power	250W	380W	500W
Input sensitivity	0dBV		
S/N Ratio	>85dB		
Frequency Response	20Hz-20kHz (±3dB)		
240V AC Fuse	F6AL	F8AL	F10AL
24V DC Fuse	FB15AL/FC10AL	FB/FC: 15AL	FB/FC: 20AL
Power Supply Requirement	AC220-240V/50-60Hz; 24V DC		
Power Consumption	500W	760W	1000W
Outer Packing Size (mm)	(L×W×H)525×460×140		
Unit Size (mm)	(L×W×H)430×388×88		
Gross Weight	19.2kg	21.3kg	23.2kg
Net Weight	17kg	19kg	21kg

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Front Panel

1. AC power indicator
2. Unit's Fan Intake Window
3. PROTECTION LED Indicator (DC fault or short circuit output protection Indication
4. TEMPERATURE LED Indicator (high temperature indication, >90)
5. CLIP LED Indicator (Please reduce the gain to prevent severely clipped wave forms reaching the loudspeakers)
6. Power output LED Indicator (Output level)

Rear Panel

Notice: Input 3 and 13 are prior to other inputs.

1. Fan Exhaust Window
2. 100V Signal Input
3. XLR Input Socket(Priority)
4. XLR Input Socket(Program)
5. XLR link Output Socket(Pre.out)
6. COM output terminal
7. 4Ω output terminal
8. 70V output terminal
9. 100V output terminal
10. 24V DC fuse-B Parallel
 (Connection)

11. AC Power Swich
12. Input signal gain control
13. 6.3mm input socket(with priority)
14. XLR input socket(with Program)
15. Pre. Out signal gain control
16. 6.3mm Link output socket(with Pre. Out)
17. 24V DC Input Terminal
18. 24V DC fuse-C Parallel
19. 240V AC Power cord
20. 240V AC fuse

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