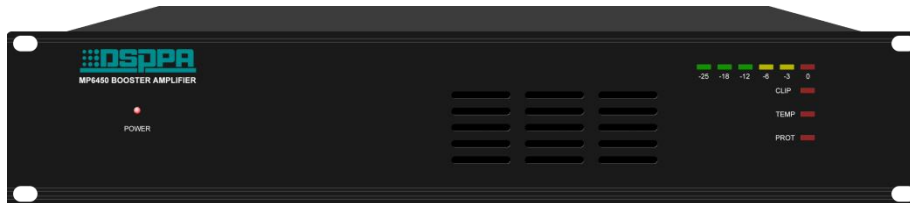


MP6450

500W 70V-100V-4Ω Power Amplifier



Description

This amplifier is designed for commercial and industrial public address applications. Rack mount design in 2U type and rated power is 500W.

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.

Features

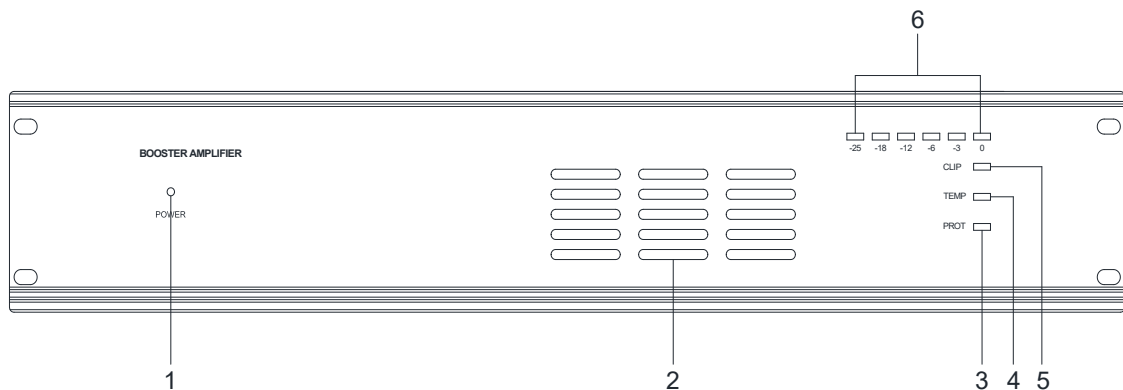
- Transformer isolated 100V, 70V and 4Ω outputs, balanced, no grounding.
- 5 LED indicators for status display .
- XLR socket and 6.3 mm jack for amplifier link.
- Short circuit output protection & LED display.
- Series amplifiers of high output power available.
- 240V AC Power and 24V DC Power working voltage.

Specifications

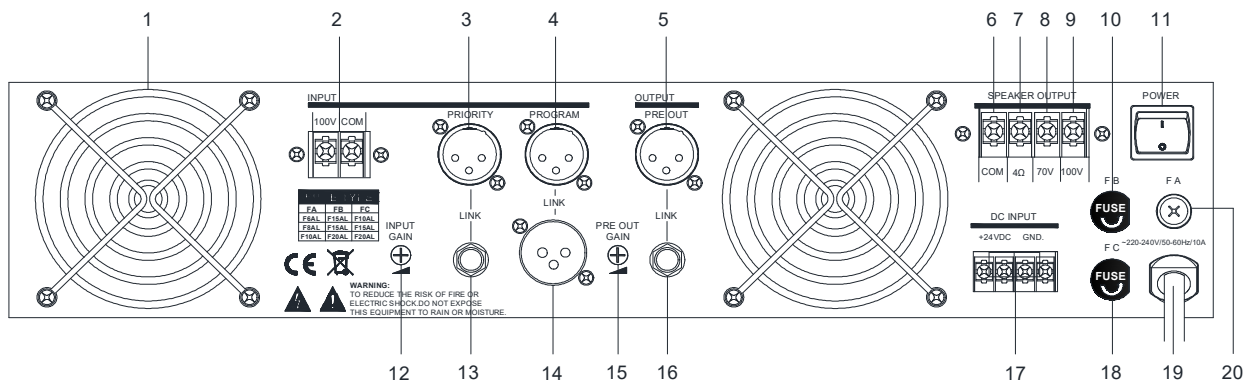
Model	MP6425	MP6438	MP6450
Rated Power	250W	380W	500W
Input sensitivity	1V		
S/N Ratio	>90dB		
Frequency Response	80Hz-16kHz/±3dB		

THD 4 /1kHz	<0.5 %		
Cooling Style	12V DC Fan		
Indicators	Power: Red, Clip: Red”, Sound: Green, Protection: Red, Temperature: Orange		
Protection	Turn on delay, thermal, DC fault, short circuit		
240V AC Fuse	F6AL	F8AL	F10AL
24V DC Fuse	FB15AL/FC10AL	FB/FC: 15AL	FB/FC: 20AL
Power Supply	AC220V-240V/50-60Hz		24V DC
Power Consumption	500W	760W	1000W
Dimension	88 483 390mm		
Gross Weight	17kg	19.3kg	20.6kg
Net Weight	16kg	18.3kg	19.5kg

Front / Rear 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°C)
5. CLIP LED Indicator (Please reduce the gain to prevent severely clipped wave forms reaching the loudspeakers)
6. Power output LED Indicator (Output level)



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|--|---|
| <ol style="list-style-type: none"> 1. Fan Exhaust Window 2. XLR Input Socket(Priority) 3. XLR link Output Socket(Pre. out) 4. 4Ω output terminal 5. 100V output terminal 6. AC Power Switch 7. 6.3mm input socket(with priority) 8. Pre. Out signal gain control 9. 24V DC Input Terminal 10. 240V AC Power cord | <ol style="list-style-type: none"> 11. 100V Signal Input 12. XLR Input Socket(Program) 13. COM output terminal 14. 70V output terminal 15. 24V DC fuse-B Parallel (Connection) 16. Input signal gain control 17. XLR input socket(with Program) 18. 6.3mm Link output socket(with Pre. Out) 19. 24V DC fuse-C Parallel 20. 240V AC fuse |
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