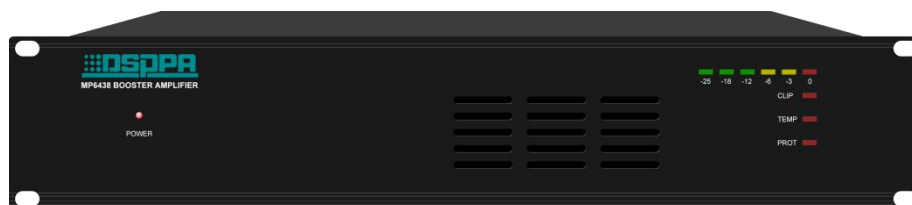


## MP6438

### 380W 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 380W.

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

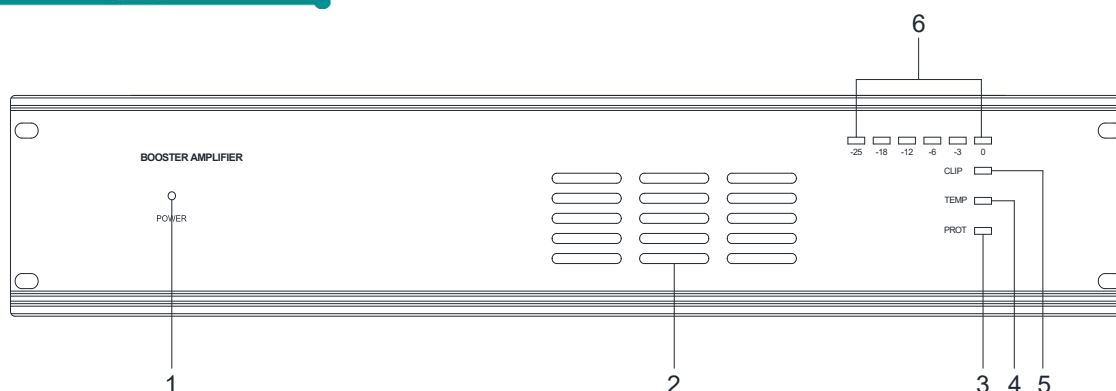
- Transformer isolated 100V, 70V and 4Ω outputs, balanced, no grounding.
- 5 LED indicators for status display .
- XLR socket and 6.3 mm jack for amplifier link.
- Short circuit output protection & LED display.
- Series amplifiers of high output power available.
- 240V AC Power and 24V DC Power working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

## Specifications

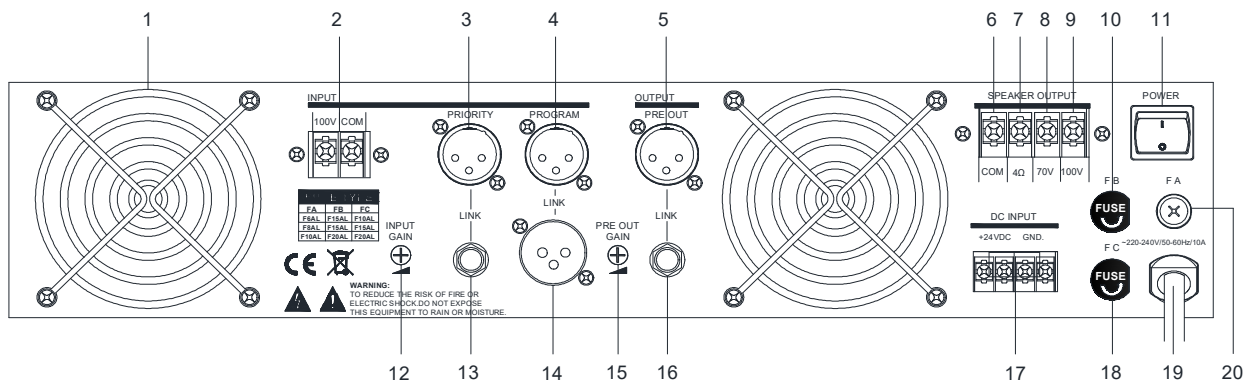
| Model              | MP6425          | MP6438 | MP6450 |
|--------------------|-----------------|--------|--------|
| Rated Power        | 250W            | 380W   | 500W   |
| Input sensitivity  | 1V              |        |        |
| S/N Ratio          | >90dB           |        |        |
| Frequency 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)



1. Fan Exhaust Window
2. XLR Input Socket(Priority)
3. XLR link Output Socket(Pre. out)
4. 4  $\Omega$  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
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