DA3850 DA3950

Digital Power Amplifier

DA3850

DA3950

Description

DA3850/DA3950 is a series of digital power amplifier with newly designed appearance and high powers for selection. The machine is nice and neat, and is suitable for factories, schools, hospitals, shops and many other commercial applications.

Features

- Highly efficient switching power supply
- Highly efficient CLASS D amplifier
- 100V, 70V constant voltage output (common output end), support 100V/70V output real-time switching
- With perfect and reliable DC output protection, short circuit protection and overheating protection, which improves the safety performance of the machine.
- 5 unit LED indicator for status display
- 6.35mm socket and XLR socket can easily realize looping connection.
- Output short circuit protection and can recover automatically.
- A series of high power amplifiers are available.

Specifications

Model	DA3850	DA3950
Rated Power (105V)	≥1500W	≥2000W
Rated Power (70V)	750W	1000W
Min. source electromotive force	≤1000mV	
SNR	≥80dB	
Frequency Response	80Hz~ 16kHz（±3dB）	
Total harmonic distortion	≤1% (1kHz, normal condition)	
Indicator light	70V” , "signal", "clipping", "protection", "over temperature"	
Protection	Over temperature, DC, short circuit	
Power Supply	AC220V/50Hz	
Rated Power Consumption	2700W	

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The specifications will be subject to change without prior notice.

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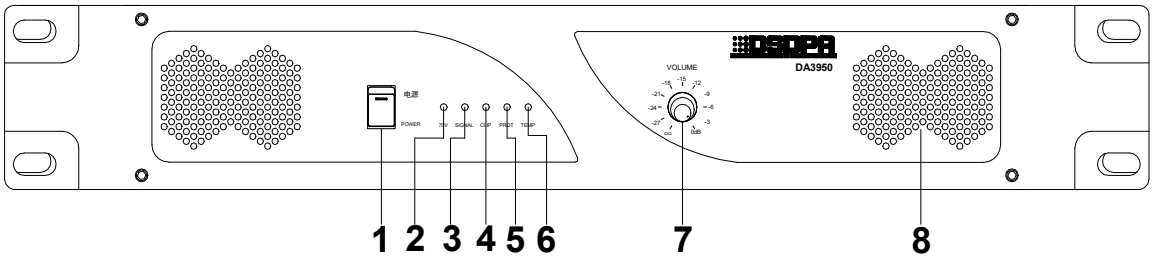
Package Size (L×W×H)	555×455×185mm
Machine Size (L×W× H)	483×380×88mm
Gross Weight	10.4kg
Net Weight	9.1kg

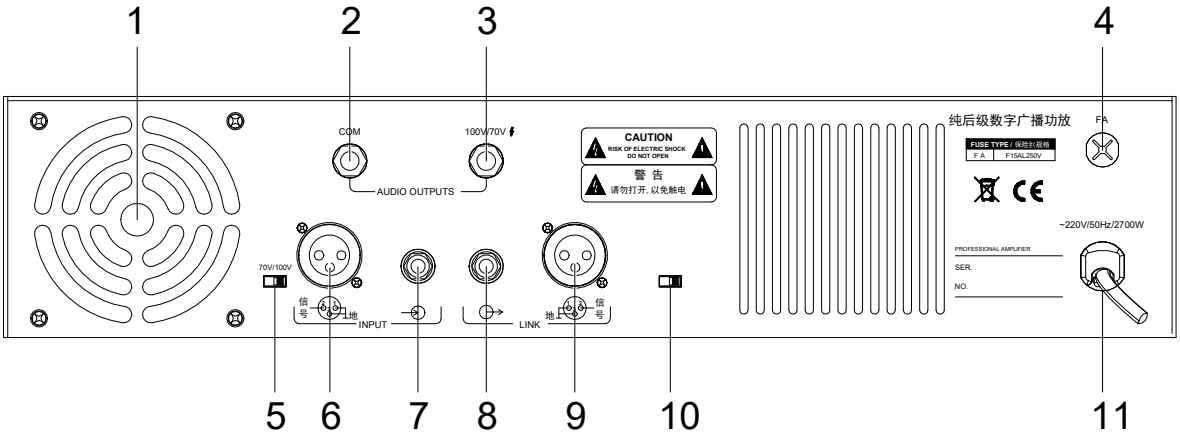
Front / Rear Panel

Front Panel



1. AC power switch (with light indication)
2. 70V output indicator
3. Signal indicator (output level)
4. Clipping indicator (please lower the gain appropriately to avoid severe clipping)
5. Protection indicator (DC or short circuit protection)
6. Temperature indicator (over temperature indication)
7. Volume control knob
8. Ventilation and cooling window

Rear Panel



1. Fan
2. Output common terminal
3. 70V/100V output
4. 220V AC fuse
5. 70V/100V output switch
6. XLR output port
7. 6.35mm input port
8. 6.35mm looping connection socket
9. XLR looping connection socket
10. Long-range gear switch

When the speaker line on site is too long and the volume of the site is not enough, you can turn this switch to the right (the green indicator light in the switch is off at this time) to improve the output to dynamically compensate for some cable losses. If the line is very short and the load is composed of a speaker with a power less than 30W or multiple speakers with a power less than 30W, please turn on this switch with caution to avoid overload damage to the speaker.

11. 220V AC power cable

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