

DX1000 DX1500 DX2000 DX2500 DX3000 DX3500 DX4000

Dual-Channel Professional Digital Amplifier



DX1000 DX1500 DX2000 DX2500 DX3000 DX3500 DX4000



DX1000/DX1500



DX2000/DX2500



DX3000/DX3500/DX4000

Description

This series is a dual-channel stereo professional power amplifier. Designed with a brand-new appearance and standard chassis, it has a series of high-power amplifiers, suitable for different needs in different occasions. It is provided with multiple protection modes, including short-circuit protection, DC protection, power on/off protection.

Features

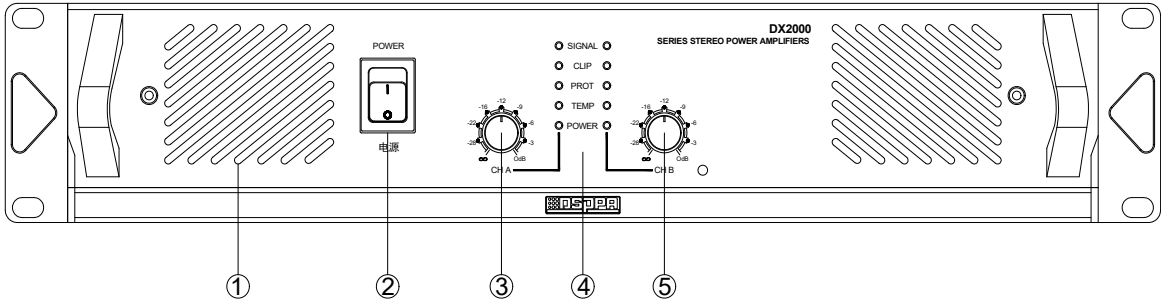
- Dual-channel stereo professional power amplifier.
- Brand new appearance design, standard chassis, suitable for standard cabinet installation.
- A series of high-power amplifiers are available at your disposal to meet different needs.
- There are three types of outputs to choose from: dual-channel, mono and BTL bridged, with the output mode selected by a switch.
- The volume of each channel can be adjustable separately.
- The minimum load impedance for stereo operation is 4Ω, and the minimum load impedance for BTL operation is 8Ω.
- Provided with XLR signal input interface, flexible and convenient to use.
- The amplifier outputs feature common terminals and professional SPEAKON speaker connectors (stereo working mode only).
- With short-circuit protection, DC protection, power on/off protection and alarm functions.
- Each channel is provided with LED working state indicator and designed with low noise.
- Suitable for speech transmission and sound reinforcement in different occasions.

Specifications

Model	DX1000	DX1500	DX2000	DX2500	DX3000	DX3500	DX4000
Rated Output / Channel, 8Ω	150W	230W	300W	400W	650W	800W	1000W
Rated Output / Channel, 4Ω	250W	350W	450W	700W	950W	1200W	1500W
Rated Output / Bridge, 8Ω	500W	700W	900W	1400W	1900W	2400W	3000W
Input Sensitivity				1VRMS			
S/N Ratio	≥95dB						
Damping	230:1						
Input Common Mode	>90dB						
Frequency Response	20Hz-20kHz (±3dB)						
Harmonic Distortion	< 0.3% (Under normal working conditions)						
Channel Impedance	4-16Ω						
Channel Crosstalk	<-70dB						
Display	“Power”, “Clip”, “Signal”, “DC” and “TEMP” LEDs						
Power Consumption	400W	600W	750W	950W	1600W	1900W	2400W
Operating Power	AC220V/50Hz						
Protection	Power on/off, DC output, load short circuit.						
Machine Dimensions	(L×W×H) 483×396×88				(L×W×H) 483×496×88		
Package Dimensions	(L×W×H) 540×460×165				(L×W×H) 540×560×165		
Gross Weight	8.5kg		9.7kg		16kg		
Net Weight	6.5kg		7.7kg		13.5kg		

Front / Rear Panel

Front Panel



- ❶ Cooling Hole

The machine has a cooling window on the left and right. In order to ensure good ventilation and heat dissipation, do not block any of the vents when the machine is working.
- ❷ Power Switch

③ Channel A Volume Control Knob (Input Attenuation)

⑤ Channel B Volume Control Knob (Input Attenuation)

Diagram of the Double-Channel Stereo Professional Amplifier showing terminals 1 through 15. The diagram includes input jacks (1-4), a central control panel (5-12), a speaker grille (13), and a power input (14-15).

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It adopts standard XLR connector (female), and the wiring method is as follows: Pin 1: Signal ground, Pin 2: Signal+, Pin 3: Signal -.

- ③ Channel 2 Amplifier Output “-” Terminal (Connected to the “-” Terminal of the Speaker)
- ④ Channel 2 Amplifier Output “+” Terminal (Connected to the “+” Terminal of the Speaker)
- ⑤ Channel 1 Amplifier Output “+” Terminal (Connected to the “+” Terminal of the Speaker)
- ⑥ Channel 1 Amplifier Output “-” Terminal (Connected to the “-” Terminal of the Speaker)
- ⑦ Channel 1 Line Audio Output 3-Pin XLR Connector (Male)
- ⑧ Channel 1 Line Audio Input 3-Pin XLR Connector (Female)

It adopts standard XLR connector (female), and the wiring method is as follows: Pin 1: Signal ground, Pin 2: Signal+, Pin 3: Signal -.

- ⑨ Amplifier Working Mode Selection Switch

The machine has bridge output working mode, stereo working mode and input signal parallel working mode.

BRI: Channel 1/2 bridge working mode.

STE: Stereo working mode.

PAR: Input signal parallel working mode.

- ⑩ Channel 2 Professional SPEAKON Speaker Connector

When the device is working in stereo mode, it can be connected using the SPEAKON connector, with the connection method as follows: +1 connected to the positive terminal of the speaker; -1 connected to the negative terminal of the speaker.

- ⑪ Channel 1/2 Bridge Professional SPEAKON Speaker Connector

When the device is working in input signal parallel mode, it can be connected using the SPEAKON connector, with the connection method as follows: +1 connected to the positive terminal of the speaker; +2 connected to the negative terminal of the speaker.

- ⑫ Channel 1 Professional SPEAKON Speaker Connector

When the device is working in stereo mode, it can be connected using the SPEAKON connector, with the connection method as follows: +1 connected to the positive terminal of the speaker; -1 connected to the negative terminal of the speaker.

- ⑬ Cooling Fan Window

Do not block the cooling fan window under any circumstances.

- ⑭ AC220V Power Input

If the power cord is damaged, do not connect it to the mains grid, and repair it promptly.

- ⑮ AC220V Power Input Fuse Holder

When the fuse is blown, replace it with a fuse of the same specification. If it is continuously blown, it indicates that there is a fault inside the machine. Please remove the fault and then replace it with a fuse of the same specification.