DX1000 DX1500 DX2000 DX2500 DX3000 DX3500 DX4000

Dual-Channel Professional Digital Amplifier

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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

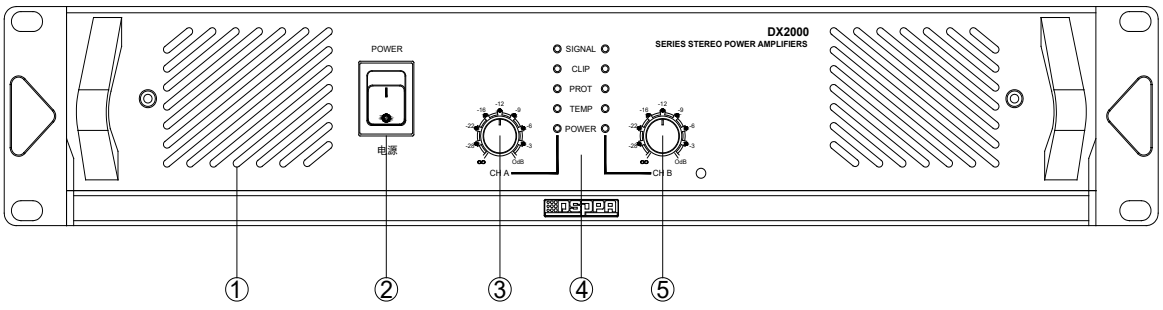
- Dual-channel stereo professional power amplifier.
- Brand new appearance design, standard chassis, suitable for standard cabinet installation.
- A series of high-power amplifiers are available at your disposal to meet different needs.
- There are three types of outputs to choose from: dual-channel, 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 /	150W	230W	300W	400W	650W	800W	1000W
Rated Output /	250W	350W	450W	700W	950W	1200W	1500W
Rated Output / Bridge,	500W	700W	900W	1400W	1900W	2400W	3000W
Input Sensitivity	1VRMS						
S/N Ratio	90dB						
Damping	200:1						
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	700W	950W	1200W	1900W	2500W	3200W	4000W
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



① 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.

② Power Switch

Press the “I” to turn on the machine, and press the “O” to turn it off.

③ Channel A Volume Control Knob (Input Attenuation)

④ Machine Working State Indicator:

SIGNAL: Signal indicator, indicating amplifier output. When the amplifier has a signal output, the indicator light is on.

CLIP: Clipping distortion indicator. When the amplifier is clipped and distorted, the indicator light is on. Please reduce the gain to avoid long term signal clipping to protect the amplifier and speaker equipment.

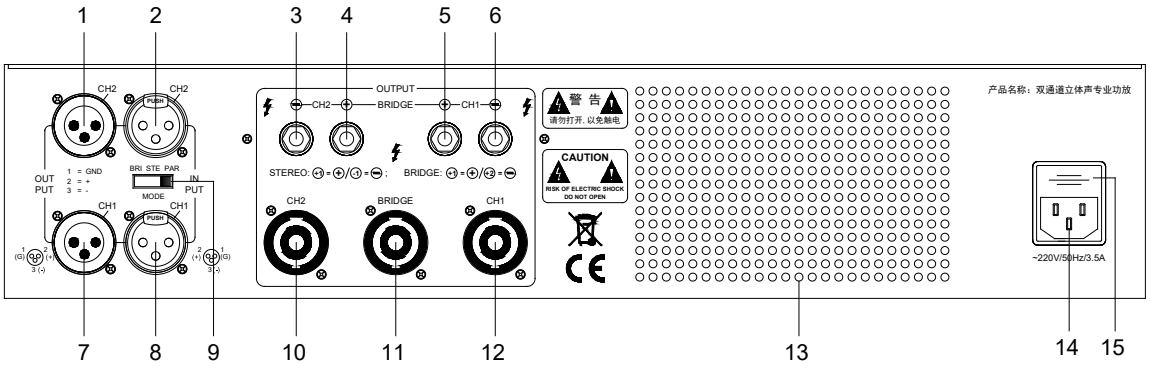
PROT: Protection indicator, indicating DC output protection and SC protection. When the amplifier is in both two types of protection, the indicator light is on.

TEMP: High temperature indicator. When the amplifier is in high temperature protection, the indicator light is on.

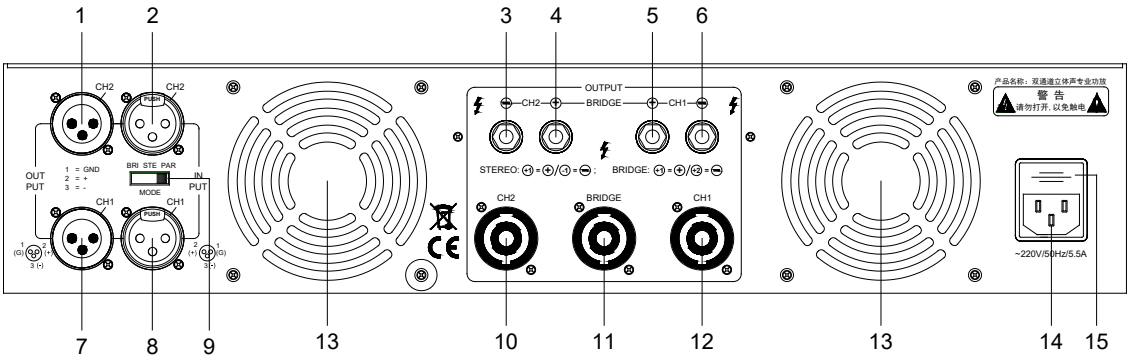
POWER: Power indicator, indicating channel A and channel B power.

⑤ Channel B Volume Control Knob (Input Attenuation)

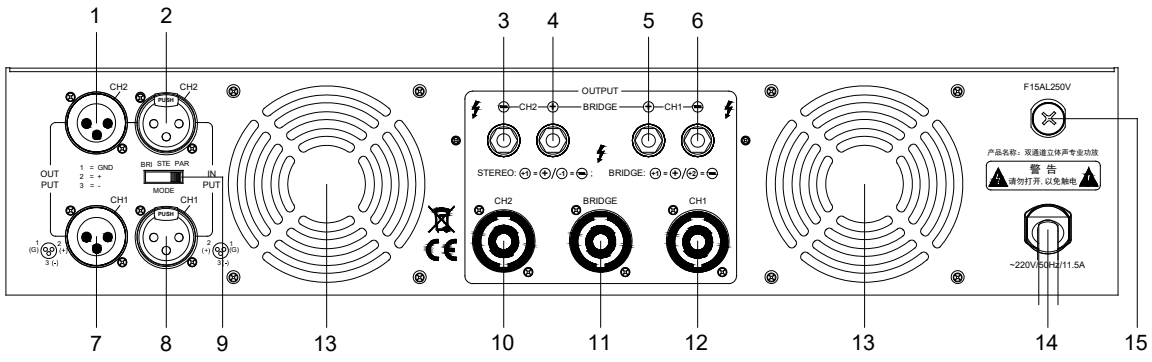
Rear Panel



DX1000/DX1500 Rear Panel



DX2000/DX2500 Rear Panel



DX3000/DX3500/DX4000 Rear Panel

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① Channel 2 Line Audio Output 3-Pin XLR Connector (Male)

② Channel 2 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 -.

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.