



### CH Series 4-channel Power Amplifier

#### Features:

- ▶ **Compact 2U Design:** Standard 2U form factor for easy integration into professional audio setups.
- ▶ **Multiple Operating Modes:** Choose from three operating modes—STEREO (independent A and B channels), PARALLEL (easy wiring setup), and BRIDGE (high-power amplification)—to suit different application needs.
- ▶ **Comprehensive Protection:** Features automatic output limiting, short circuit overload, high-temperature protection, and power-on delay to ensure safe and reliable operation.
- ▶ **Efficient Heat Dissipation:** The advanced stepless speed control fan adjusts speed based on radiator temperature, effectively reducing fan noise while ensuring optimal cooling.
- ▶ **User-Friendly Controls:** Independent volume control and LED signal level indicator provide clear and convenient monitoring of performance.
- ▶ **Built-In Filtering:** Integrated filtering function eliminates high-frequency interference from digital sound and other external equipment.
- ▶ **Enhanced Connectivity:** Dual XLR inputs and multiple output options, including SPEAKON and Phoenix terminals, for stronger compatibility across various setups.
- ▶ **Robust Protection Features:** Comprehensive safeguards including pressure limit, short circuit, overcurrent, and DC output protection for peace of mind.



SPECIFICATIONS	CH-4600	CH-4800
Output Power	4x600W@8ohm, 4x870W@4ohm	4x800W@8ohm, 4x1160W@4ohm
Power Supply	AC190V-250V 50/60HZ	AC190V-250V 50/60HZ
Harmonic Distortion (1kHz, 8 ohm)	<0.01%	<0.1%
Frequency Response	20Hz-20kHz(+/-1dB)	20Hz-20kHz: +/-1dB
Sensitivity	0.775V*40	0.775V*40
SNR	≥100dB(A-weighted)	≥100dB(A-weighted)
Damping Factor	≥300@8ohms	≥300@8ohms
Slew Rate	25V/US	25V/US
Input Impedance	Balanced: 20K Unbalanced: 10K	Balanced: 20K Unbalanced: 10K
Channel Isolation	60dB@8ohms 1KHz	60dB@8ohms 1KHz
Output Type	Class-TD	Class-TD
LED Indicators	Power/Signal/Distortion/Clipping	Power/Signal/Distortion/Clipping
Input Connectors	Balanced XLR (Male/Female)	Balanced XLR (Male/Female)
Output Connectors	SPEAKON, Binding Posts	SPEAKON, Binding Posts
Cooling System	Overheat, Overload, Short Circuit, DC Output Protection, Soft Start, Surge Limiting	Overheat, Overload, Short Circuit, DC Output Protection, Soft Start, Surge Limiting
Product Size(WxDxH)	485x485x100mm	485x485x100mm
Net Weight	22.76Kg	24.1Kg