

Four Channel Class-D Professional Power Amplifier

CX4.40, CX4.50, CX4.100

CX4.150, CX4.180, CX4.240



Description:

The four channel class-D professional power amplifier is designed with switching power technology, whose advantages are without transformer for less heat generation and long life span. Moreover, higher efficiency of more than 85% could help to decrease the power electricity consumption by green environment protection. Special power circuit design of PWM to ensure the world first level natural cooling system with additional four fans.

The 19" rack mount 1RU height design is suitable for universal permanent installation of any sound reinforcement system. The digital Class-D technology also bring the lighter amplifier of less rack space consumption into true, so it is very useful and cost-effective amplifier for installer and system contractor.

The four channel class-D professional power amplifier rated power outputs are from 400W, 500W, 1000W, 1500W, 1800W to 2400W, so it is design for various installation applications like for government building, stadium, theater and cinema, capacity of each unit maximum connection of four professional sound low impedance loudspeakers.

Feature:

- ✓ Robust performance range professional power amplifier.
- ✓ Ideal for life performance, permanent installation and sound reinforcement system.
- ✓ Switching power technology digital Class-D level power amplifier.
- ✓ Green technology amplifier by 85% efficiency of less power consumption, higher power output, less heat generation and longer life span.
- ✓ With PWM special power circuit to ensure excellent cooling system.
- ✓ 19" universal rack mount type in 1U height.
- ✓ Minimum weight less than 10kgs without transformer technology.
- ✓ Support stereo output at 8Ω, 4Ω to 2Ω.
- ✓ Rated power output 4×400W, 4×500W, 4×1000W, 4×1500W, 4×1800W, 4×2400W @4Ω
- ✓ RMS continuous power output: 4×250W, 4×350W, 4×600W, 4×800W, 4×100W, 4×1300W @8Ω.
- ✓ Input by balanced XLR male connector of two channels.
- ✓ Link by balanced XLR female connector of two channels.
- ✓ Output by balanced Speakon female connector of two channels.
- ✓ Complete protection include clip, high temp, overload and short circuit.
- ✓ With four fans for cooling down the internal temperature.
- ✓ Visual indicator of output level meter, power, protection and clip.
- ✓ Comes with 5 years quality warranty.

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Rear Panel:



Specification:

Model	CX4.40	CX4.50	CX4.100	CX4.150	CX4.180	CX4.240
Description	Professional Class-D Four Channel Power Amplifier					
Amplifier Class	D-Class					
Rated Output 8Ω Four	250W	350W	600W	800W	1000W	1300W
Rated Output 4Ω Four	400W	500W	1000W	1500W	1800W	2400W
Rated Output 2Ω Four	500W	600W	1200W	1800W	2200W	2600W
Efficiency	>85%					
Frequency Response	20Hz~20KHz (at±0.3dB)					
IMD-SMPTE	<0.3%					
THD @ 1kHz	<0.3%, 1dB below clip					
Damping Factor @ 8Ω	>800					
Slew Rate	50V/μs					
Signal/Noise Ratio	>105dB					
Input Sensitivity	1V					
Voltage Gain	32dB	35dB	36dB	38dB	39dB	40dB
Input Impedance	20KΩ (bal.), 10KΩ (unbal.)					
Crosstalk	>75dB					
Connector	Input by XLR male, link by XLR female, output by Speakon female.					
Protection	Clip, high temp, overload and short circuit					
Cooling	Temperature controlled fan					
Power Supply	AC 220~240V, 50/60Hz					
Dimension (mm)	484(W)×375(D)×44(H)			484(W)×430(D)×44(H)		
Net Weight	7.2kg		10.5kg		11.5kg	