

## Four Channel Class-D Professional Power Amplifier (4×400W@4Ω) CX4.40



### 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 CX4.40 four channel class-D professional power amplifier rated power output is 4×400W@4Ω, 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 4×350W@4Ω & 4×200W@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:

<b>Model</b>	<b>CX4.40</b>
<b>Description</b>	<b>Four Channel Class-D Professional Power Amplifier</b>
<b>Amplifier Class</b>	<b>D-Class</b>
<b>Power Output RMS Stereo</b>	4×200W@ 8Ω 4×350W@ 4Ω 4×450W@ 2Ω
<b>Efficiency</b>	>85%
<b>Frequency Response</b>	20Hz~20KHz (at±0.3dB)
<b>IMD-SMPTE</b>	<0.3%
<b>THD @ 1kHz</b>	<0.3%, 1dB below clip
<b>Damping Factor @ 8Ω</b>	>800
<b>Slew Rate</b>	50V/μs
<b>Signal/Noise Ratio</b>	>105dB
<b>Input Sensitivity</b>	1V
<b>Voltage Gain</b>	32dB
<b>Input Impedance</b>	20KΩ (bal.), 10KΩ (unbal.)
<b>Crosstalk</b>	>75dB
<b>Connector</b>	Input by XLR male, link by XLR female, output by Speakon female.
<b>Protection</b>	Clip, high temp, overload and short circuit
<b>Cooling</b>	Temperature controlled fan
<b>Power Supply</b>	AC 220~240V, 50/60Hz
<b>Dimension</b>	484(W) ×375(D) ×44(H)mm, 1RU height
<b>Net Weight</b>	7.5kg