

CA2N

Professional Power Amplifier

DESCRIPTION

CA series is the amplifier with big power and excellent performance. It can meet different audio avenues.



FEATURES

- Big power,dynamic energy;
- Innovative heat sink structure and high quality heat sink fan assure reliable working for a long time;
- Loading impedance temperature-power-running voltage" can be controlled alternately, Speed of Fan is automatic adjusted by temperature. When load is too low or temperature is too high, the equipment can adjust the power supply and lower impedance of power, which improves sound quality and protect the equipment better. The reliability will be improved remarkably;
- Low distortion;
- High slew speed, outstanding sound quality and high transparent;
- Low noise:S/N>108dB(A Weight);
- 20Hz~20KHz <+0/-0.25 dB;wide frequency band;
- Small dimension, 2U rack mounting.
- CA2N is specially designed for low loading imedance, and can work for a long time under 2Ω.

TECHNICAL SPECIFICATIONS

Rated Power (Stereo 8Ω)	2 x 330W
Rated Power (Stereo 4Ω)	2 x 500W
Rated Power (Parallel mono 8Ω)	2 x 330W
Rated Power (Parallel mono 4Ω)	2 x 500W
Rated Power (Bridged-mono 16Ω)	660W
Rated Power (Bridged-mono 8Ω)	1000W
Frequency Response	20Hz~20kHz(+0/-0.25dB)
SNR	>108dB(A-Weight)
THD	<0.05%(10%Rated power)
IMD	<0.1%(60Hz/7kHz,10%Rated power)
Phase difference	<±15°
Damping Factor	>800(8Ω/100Hz)
Segregation	>75dB
Total gain	34±0.5dB
Difference of Channel gain	<0.25dB
Input sensitivity	1V
Slew Rate	>60V/μs
Input impedance	Unbalanced input 10kΩ,Balanced input 20kΩ
Input connectors	Three pin XLR/6.35mm
Output connectors	Speakon binding post,NL4 speakon
Cooling	Four fans stepless shifting, Cooling airflow from front to back
Controls on front panel	Switch of AC,Gain controlling knob for channel A and B
Controls on rear panel	Parallel/Stereo/Bridge, LF cutting,Grounding,Limit
Indicator on front panel	Yellow-Bridge,Red-Overload,Green-Signal
Amplifier protection	Short Circuit, Maladjustment of DC, Overload, Overheat ,Etc
Power supply	AC 220V-240V~, 50/60Hz (or AC 110V-120V~, 50/60Hz), 500VA
Environment Temperature	Working temperature: -10~40 Storing temperature: -25~80
Environment humidity	≤90%
Dimension (W x D x H)	483×375×88mm
Net Weight	15kg