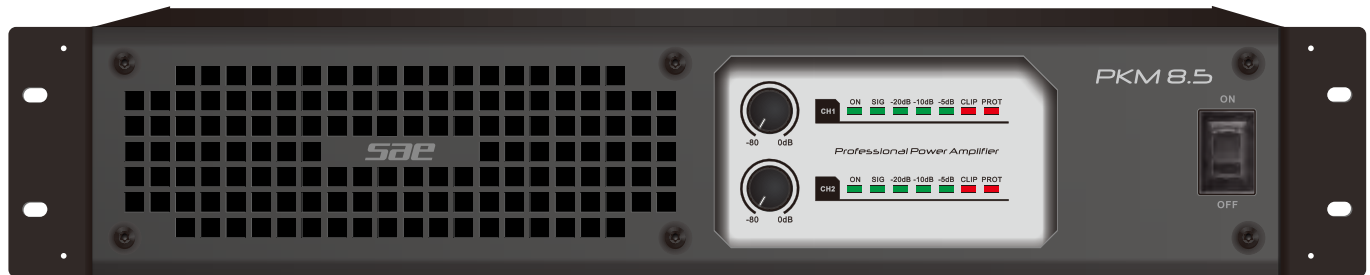


PKM series

Class I™ Toroidal Power Amplifier

SAE

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PKM series has used high quality toroidal transformer power supply amplifier and with SAE patent technology Class I™ power modules. High efficiency Class I™ power modules has supplied PKM unprecedented sound quality. The PKM series represents the best performance in multi-channel amplification systems.

Technology

Class I™

SAE Audio patented Class I™ is the most advanced technology on high power audio amplification. The output signal amplified through a Class I™ power module accurately tracks the input signal waveform, achieving a much greater efficiency and sonic quality than on other standard amplifier classes. Class I™ amplification is capable to deliver extremely high power density with an unprecedented audio fidelity.

Linear power supply technology in high transient pulse current

In order to get much better sound quality, small toroidal transformer supply the big pulse current transiently, to get the low resistance, and high transient current power supply.

HS-CMRR Balanced Inputs

The best signal quality at an amplifier output can only be achieved with the best signal quality at its input. With the PKM series is not a problem to have long signal input cables along with power lines or other induced noise sources. The balanced signal inputs on the PKM amplifiers implement a High Sensitivity CMRR (Common Mode Rejection Ratio) design in order to reject even the slightest added distortion on the signal, thus assuring the best possible audio signal at the input.

Single modulation in dual channel amplifier

Adopted new Class I™ technology, which one set of Class I™ PWM modulation power drive two separate Class AB amplifier.

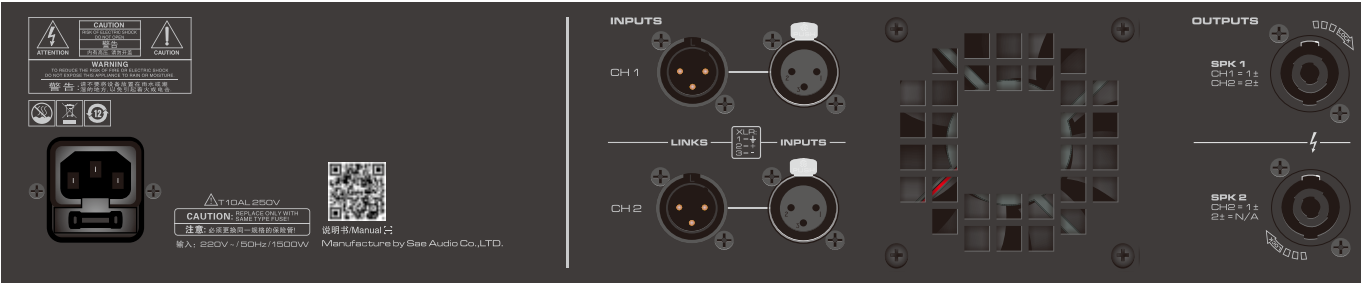


Features

- High efficiency Class I™ power modules.
- Toroidal transformer power supply.
- Highly sensitive CMRR balanced inputs for improved noise rejection.
- Channel independent power on, protection signal and clip warning indicators on the front panel.
- Channel independent power and -5dB/-10dB/-20dB/signal presence indicators on the front panel.
- Independent XLR input and link connectors on the back panel.
- SpeakON NL4 and binding post output connectors.

Applications

- Small and mid size bar installation.
- KTV installations.
- Affordable system for installations with high sonic quality requirements.

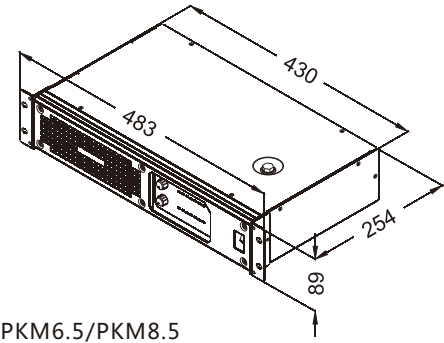


PKM8.5 rear panel

Specifications

Model	PKM6.5	PKM8.5
Output power		
8Ω Stereo	700W x2	900W x2
4Ω Stereo	1000W x2	1200W x2
Other specification		
Frequency response	20Hz - 20kHz (+0/-0.8dB)	
THD+N	≤ 0.05%	
S/N rate	≥ 85dB	
Input sensitivity	0.775V	
Input impedance (bal/unbal)	20kΩ / 10kΩ	
Voltage gain	39dB	40.2dB
Cooling	Air flow from front to rear	
Dimension / Weight		
Product dimensions (mm)	483x254x89	483x254x89
Packing dimensions (mm)	560x420x170	560x420x170
G.W	12.1kg	13.3kg

Product dimension(mm)



Remark : 1、 The power is tested under the condition of 20ms burst, 1kHz sine wave and 1% THD .
2、 SAE reserves the right to make any changes to the product specifications without prior notice. Final specifications to be found in the user manual.