

Power Amplifiers

DOUBLE CHANNELS

KAC SERIES



The Ultrak family of public address power amplifiers represents a new level of high- performance, high-power amplification. Each unit incorporates a robust dual toroidal transformer power supply, rugged output stage, oversized internal heatsink and forced air cooling. And each amplifier is as affordable as it is reliable.

The KAC2060 SE delivers 2X60 W RMS, the KAC2120SE delivers 2X120 W RMS, and the KAC2240SE delivers 2X240 W RMS. All amplifiers mount in only two rack spaces and feature high and low cut filters, an input pad and both XLR and screw-terminal connections. All models are compatible with external 24 volt DC power supplies. Any number of KAC series amplifiers may be linked together for an unlimited number of zones.

- Automatic Variable Fan
- Power Overload Protection
- Full Protection
- Multiple Load Impedance
- Suitable for use in Schools and Gymnasiums
- XLR Connector In/Out Screw Terminals
- Noise Reduction Circuitry when Power-On
- Soft Start of AC Power-On
- RS232/RS485 Control Port
- ULTRAK Standard Protocol
- ASCII Protocol
- Optional Software Hour Meter



Power Amplifiers

TECHNICAL SPECIFICATIONS

MODELS

KAC2060SE	Power amplifier with 120W RMS output power (2X60W RMS)
KAC2120SE	Power amplifier with 240W RMS output power (2X120W RMS)
KAC2240SE	Power amplifier with 480W RMS output power (2X240W RMS)

ELECTRICAL

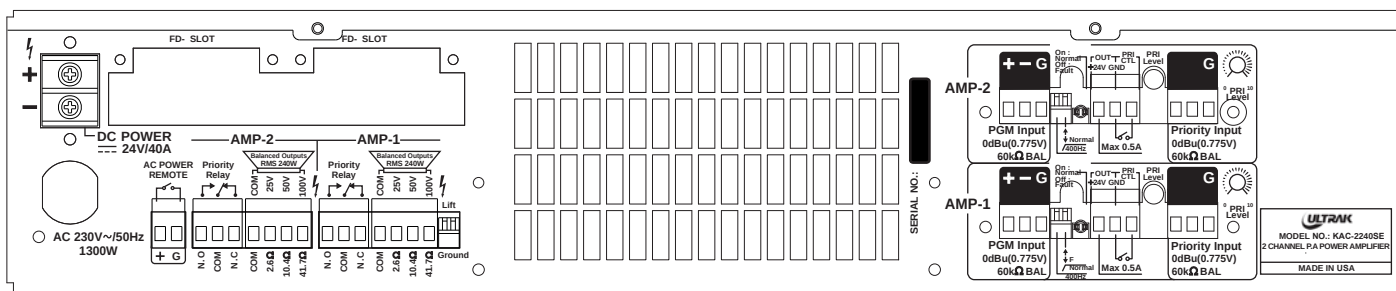
Frequency response	35Hz to 20kHz, less than -3dB
THD at 1kHz Rated Power	Less than 1%
Signal to Noise Ratio	>90dB
Output Levels/Impedance	Europe : 100V, 8ohms USA : 70V, 8ohms
Input Sensitivity/Impedance	4dBu (1.23V) / 30K Ω Balanced
Input Filter (H.P.F.)	400Hz / -3dB - 7kHz / -3dB

ENVIRONMENT & MECHANICAL

Temperature Storage	-20°C to +70°C		
Temperature Operation	0 to 40°C		
Humidity	80% RH to at least +65°C (non condensing)		
Altitude	3000 meter max		
Dimensions	19(W) x 14.7(D) x 3.5(H) in. 483(W) x 374(D) x 88(H) mm		
Weight	KAC2060SE	11.5kg	25.4lbs
	KAC2120SE	15kg	33.1lbs
	KAC2240SE	15.5kg	34.2lbs

POWER REQUIREMENTS

Power Source	AC 120V/220V/230V/240VAC (50 / 60Hz) As indicated on the rear panel
	DC 24VDC
Max. Power Consumption	KAC2060SE : 330W KAC2120SE : 670W KAC2240SE : 1380W



Conversion: 1" = 25.4mm
Measurement conversions are approximate

Design and specifications subject to change without notice.

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