

Power Amplifiers

SINGLE CHANNEL

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 KAC1120M delivers 120 W RMS, the KAC1240M delivers 240 W RMS, and the KAC1480M delivers 480 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.

- Three amplifier models: 120W, 240W and 480W
- 15dB input pad
- Hi-and low-cut filters, 400 Hz and 7kHz
- 70V, 100V and 8 Ohm outputs
- Forced air cooling
- Dual toroidal transformers
- XLR and screw-terminal connections
- External 24VDC power supply connection
- 2U rack mountable
- 3-year limited warranty



Power Amplifiers

TECHNICAL SPECIFICATIONS

MODELS

KAC1120M	Mixer power amplifier with 120WRMS of output power.
KAC1240M	Mixer power amplifier with 240WRMS of output power.
KAC1480M	Mixer power amplifier with 480WRMS of output power.

POWER REQUIREMENTS

Power Source	AC	120V/220V/230V/240VAC (50 / 60Hz) As indicated on the rear panel
	DC	24VDC
Power Consumption - Max Power Current Draw		
		KAC1120M : 350W
		KAC1240M : 650W
		KAC1480M : 1380W

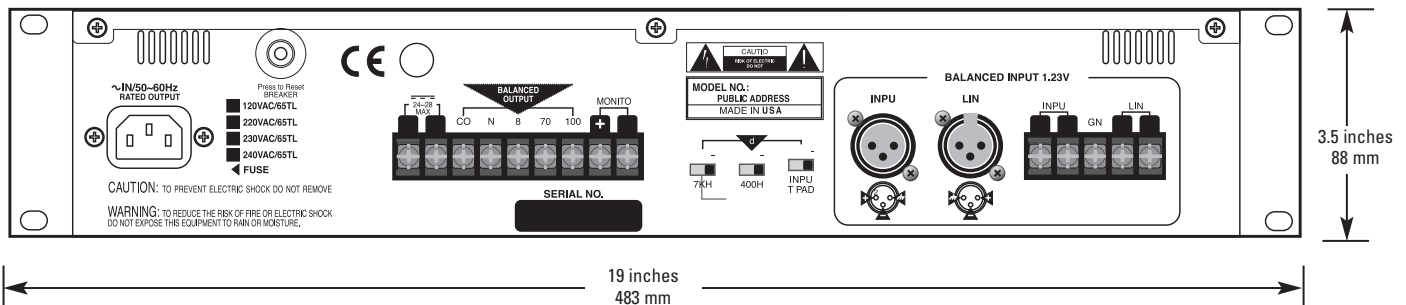
ELECTRICAL

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	KAC1120M/KAC1240M/KAC1480M: 19(W) x 14.7(D) x 3.5(H) in. 483(W) x 374(D) x 88(H) mm		
Weight	KAC1120M	13kg	28.6 lbs
	KAC1240M	17kg	37.4 lbs
	KAC1480M	15.5kg	34.2 lbs

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Conversion: 1" = 25.4mm

Measurement conversions are approximate

Design and specifications subject to change without notice.

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