

KAC4060/4120/4240QE

PUBLIC ADDRESS 4 CHANNEL AMPLIFIER



Ultrak's KAC range of 4 channel Public Address power amplifiers are available in either 4 x 60W, 4 x 120W or 4 x 240W power outputs.

These amplifiers are suited to installation in offices, schools, churches, hospitals, supermarkets, community halls and other similar type operations where reliability is of the utmost importance.

Added protection against overheating and power overload, are features that form part of the overall reliability of this range of amplifiers.

The KAC amplifiers are designed to compliment Ultrak's range of PA products.

Their compact size makes them the ideal solution for multi-zone rack-mounted systems.

- Automatic variable speed fan
- Power overload protection
- Over heating protection
- LED channel indicators
- Remote power ON input contact
- Priority input
- Fault monitoring relay contact (OPTIONAL)
- Input routing control switch
- Input sensitivity adjustment
- Screw terminals
- Soft-Start of AC Power-On
- Noise suppression on start-up
- Fault detector modules (OPTIONAL)



KAC4060/4120/4240QE

TECHNICAL SPECIFICATIONS

Electrical - KAC4060QE

Frequency Response	55Hz to 17kHz Less than -3dB
THD at 1KHZ Rated Power	Less than 1% (1kHz)
Power Source	AC 120V / 220V / 230V / 240V AC 50 / 60Hz, 24V DC
Input Sensitivity/ Impedance (Max)	+4dBu (1.23V) / 30K Ω Balanced
Rated Output	60W (RMS) x 4
Output Level	~ 50V, ~ 70V, ~ 100V, 4ohms
Power Consumption	680W
1/8 Power Current Draw	120V/230V, 3A/1.6A
1/3 Power Current Draw	230V 120V, 4.4A/2.2A
Rated Current Draw	230V 120V, 6.9A/3.4A
Signal To Noise Ratio	More than 100dB

Electrical - KAC4120QE

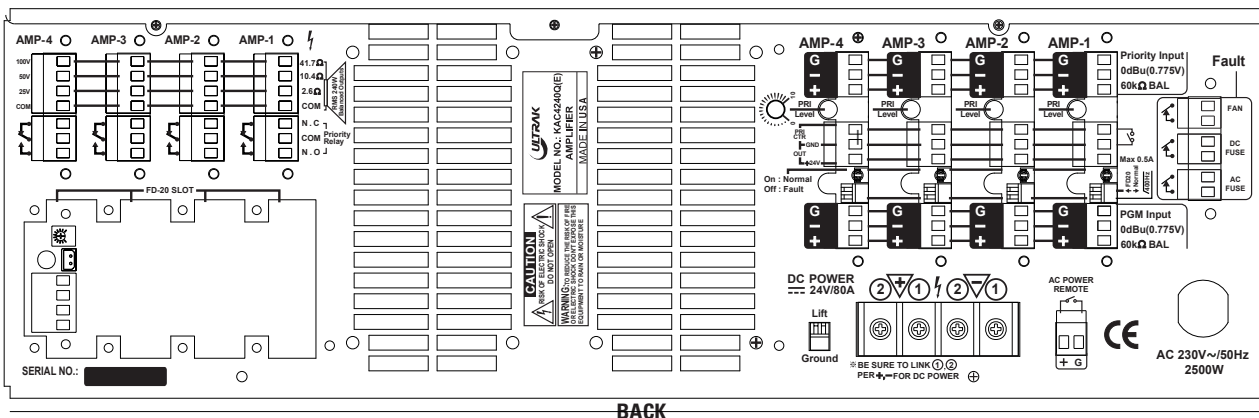
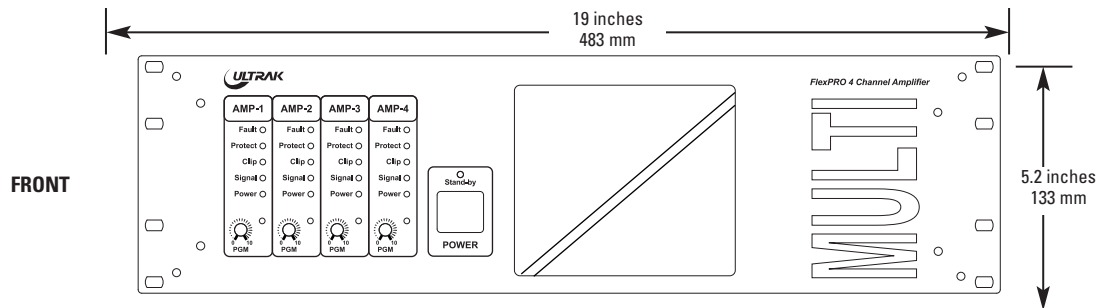
Frequency Response	55Hz to 17kHz Less than -3dB
THD at 1KHZ Rated Power	Less than 1% (1kHz)
Power Source	AC 120V / 220V / 230V / 240V AC 50 / 60Hz, 24V DC
Input Sensitivity/ Impedance (Max)	+4dBu (1.23V) / 30K Ω Balanced
Rated Output	120W (RMS) x 4
Output Level	~ 50V, ~ 70V, ~ 100V, 4ohms
Power Consumption	1300W
1/8 Power Current Draw	120V / 230V, 6A/3A
1/3 Power Current Draw	120V / 230V, 8.8A/4.4A
Rated Current Draw	120V / 230V, 13.6A/6.8A
Signal To Noise Ratio	More than 100dB

Electrical - KAC4240QE

Frequency Response	55Hz to 17kHz Less than -3dB
THD at 1KHZ Rated Power	Less than 1% (1kHz)
Power Source	AC 120V / 220V / 230V / 240V AC 50 / 60Hz, 24V DC
Input Sensitivity/ Impedance (Max)	+4dBu (1.23V) / 30K Ω Balanced
Rated Output	240W (RMS) x 4
Output Level	~ 50V, ~ 70V, ~ 100V, 4ohms
Power Consumption	2500W
1/8 Power Current Draw	120V / 230V, 10A/5A
1/3 Power Current Draw	120V / 230V, 15A/7.5A
Rated Current Draw	120V / 230V, 23.6A/11.8A
Signal To Noise Ratio	More than 100dB

ENVIRONMENT & MECHANICAL

Storage	-20 to +70 ∞ C
Humidity	80% RH to at least +65 ∞ C (non condensing)
Operation	0 to +40 ∞ C
Altitude	3000 Meter maximum
Dimensions	483 (W) x 377 (D) x 133 (H) mm 19 (W) x 14.8 (D) x 5.2 (H) inches
Weight	KAC4060QE - 20 kg, 44.1 lbs KAC4120QE - 25 kg, 55.1 lbs KAC4240QE - 28 kg, 61.7 lbs



Conversion: 1" = 25.4mm

Measurement conversions are approximate

Design and specifications subject to change without notice.

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