

KAC-M8005

CEA-2006 Primary Ratings	Power Output	50 Watts RMS x 4 + 300 Watts RMS x 1 at 4 Ohms and $\leq 1\% \text{THD+N}$
	Signal-to-Noise Ratio	80dBA (Reference: 1Watt into 4Ohms)
Maximum Power Output	MAX POWER	1600W
Rated Power Output at 14.4V	A/B (4 Ohms)	50Watts RMS x 4 (4 Ohms, 20-20kHz, $\leq 1.0\% \text{THD}$)
	A/B (2 Ohms)	75Watts RMS x 4 (2 Ohms, 1kHz, $\leq 1.0\% \text{THD}$)
	SUB (4 Ohms)	300Watts RMS x 1 (4 Ohms, 20-200Hz, $\leq 0.5\% \text{THD}$)
	SUB (2 Ohms)	500Watts RMS x 1 (2 Ohms, 100Hz, $\leq 0.5\% \text{THD}$)
	A/B (Bridged 4Ohms)	150Watts RMS x 2 (Bridged 4 Ohms, 1kHz, $\leq 1.0\% \text{THD}$)
Specifications	Signal to Noise Ratio	100dB (Reference: Rated Power into 4Ohms at 14.4V)
	Frequency Response	20Hz-50kHz (+0dB, -3dB) A/B 20Hz-200Hz (+0dB, -3dB) SUB
	Input Impedance	10k ohm
	Speaker Impedance	4 Ω (2 Ω to 8 Ω allowable)
	Bridged Connection	4 Ω to 8 Ω allowable
Audio Section	Low-Pass Filter	50Hz-200Hz, -24dB/oct (SUB)
	High-Pass Filter	50Hz-200Hz, -12dB/oct (A/B)
	Bass Boost	40Hz, 0dB - +18dB (SUB)
	RCA Input Sensitivity	0.2[V] - 5.0 [V]
	Speaker Level Input Sensitivity	4.0[V] - 12.0 [V]

Terminals	Battery & Ground	M6 Screw Type Terminal Block
	Speaker Output	M4 Screw Type Terminal Block
General	Dimensions(WxHxD)	9 x 2-3/16 x 7-3/8 [inch]
	Operating Voltage	14.4V (11-16V allowable)
	Current Consumption	58[A]
Key Features		CEA-2006 Compliant 2 Ohms Load Capability Speaker Level Input with Signal Sensing Turn-on Power MOS-FET Switching Power Supply Extruded Aluminum Heat Sink Design A B Sub Independent Gain Adjustment



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