

K Series Calculated Data

K1: 8 Ohm Stereo Mode, or 16 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	172	350	1.7A	0.9A
Acoustic/Chamber Music	255	392	2.6A	1.3A
Full Range Rock Music	337	434	3.4A	1.7A
Compressed Rock Music	419	476	4.2A	2.1A
Pink Noise	502	518	5.0A	2.5A

K1: 4 Ohm Stereo Mode, or 8 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	219	374	2.2A	1.1A
Acoustic/Chamber Music	349	440	3.5A	1.8A
Full Range Rock Music	478	506	4.8A	2.4A
Compressed Rock Music	608	573	6.1A	3.1A
Pink Noise	737	639	7.4A	3.7A

K1: 2 Ohm Stereo Mode, or 4 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	266	398	2.7A	1.3A
Acoustic/Chamber Music	443	488	4.4A	2.2A
Full Range Rock Music	619	579	6.2A	3.1A
Compressed Rock Music	796	669	8.0A	4.0A
Pink Noise	972	759	9.8A	4.9A

K2: 8 Ohm Stereo Mode, or 16 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	202	365	2.0A	1.0A
Acoustic/Chamber Music	314	422	3.1A	1.6A
Full Range Rock Music	425	479	4.3A	2.1A
Compressed Rock Music	537	536	5.4A	2.7A
Pink Noise	649	594	6.5A	3.3A

K2: 4 Ohm Stereo Mode, or 8 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	278	404	2.8A	1.4A
Acoustic/Chamber Music	466	500	4.7A	2.3A
Full Range Rock Music	655	597	6.6A	3.3A
Compressed Rock Music	843	693	8.5A	4.2A
Pink Noise	1031	789	10.4A	5.2A

K2: 2 Ohm Stereo Mode, or 4 Ohm Bridged Mono Mode				
Program Material	Power Draw	Waste Heat	Current Draw	Current Draw
	Watts	BTU/Hr	120VAC	240VAC
Individual Speech	385	458	3.9A	1.9A
Acoustic/Chamber Music	678	609	6.8A	3.4A
Full Range Rock Music	972	759	9.8A	4.9A
Compressed Rock Music	1266	910	12.7A	6.4A
Pink Noise	1561	1060	15.7A	7.8A

The information provided on this page is calculated data based on driving both channels to rated output. Other parameters used in calculation include a conservative idle draw estimate of 90 Watts and a conservative estimation of efficiency at 85%. Information is provided for the purpose of getting an idea of current draw and heat produced. Actual performance will vary depending on environment, program material, load, signal, and AC mains voltage and frequency. Figures calculated for various program material use estimated duty cycles, taking into account the typical crest factor for each type of source material. Values of calculated current draw are intended to represent average draw corresponding to the thermal breaker requirements that should be met to handle the amplifier as a load on the AC mains. Peak current draw with dynamic program material may be significantly higher. Thermal information is provided to assist with calculating air conditioning needs. The above data should not be construed as specifications.

