MA-5000i AC Current Draw and Thermal Dissipation:

141302-1 11/08

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.
Typical line impedance used.
Data based on both channels driven.

MA-5000i										
		120VAC		208VAC		230VAC			Thermal Dissipation	
	Load	Line Current 120VAC	Watts Out Per 1A Amp Line Current	Line Current 208VAC	Watts Out Per 1A Amp Line Current	Line Current 230VAC	Watts Out Per 1A Amp Line Current	Watts Dissipated	Btu/hr	kcal/hr
Idle (sleep mode)		0.8		0.95		0.9		53	182	157
Idle (awake)		1.6		1.4		1.3		172	587	505
1/8th Power Pink Noise Typical of program material just at clip.	8 Ohms/Ch. 16 Ohms Bridge	5.3	59.6	3.4	94.6	3.1	102.6	305	1040	262
	4 Ohms/Ch. 8 Ohms Bridge	7.8	64.9	4.7	106.9	4.4	116.3	414	1413	356
	2 Ohms/Ch. 4 Ohms Bridge	8.0	58.1	4.8	96.1	4.4	106.0	476	1625	410
1/3rd Power Pink Noise Typical of program material with severe clipping.	8 Ohms/Ch. 16 Ohms Bridge	10.9	77.1	6.6	126.2	6.0	139.9	437	1491	376
	4 Ohms/Ch. 8 Ohms Bridge	17.8	77.0	10.5	129.1	9.5	142.1	711	2426	612
	2 Ohms/Ch. 4 Ohms Bridge	17.7	70.3	10.7	115.3	9.4	128.7	824	2814	709

MA-9000i AC Current Draw and Thermal Dissipation:

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.
Typical line impedance used.
Data based on both channels driven.

MA-9000i										
		120VAC		208VAC		230VAC			Thermal Dissipation	
	Load	Line Current 120VAC	Watts Out Per 1A Amp Line Current	Line Current 208VAC	Watts Out Per 1A Amp Line Current	Line Current 230VAC	Watts Out Per 1A Amp Line Current	Watts Dissipated	Btu/hr	kcal/hr
Idle (sleep mode)		1.0		1.0		0.95		60	205	177
Idle (awake)		2.1		1.7		1.6		225	767	660
1/8th Power Pink Noise Typical of program material just at clip.	8 Ohms/Ch. 16 Ohms Bridge	6.6	57.6	4.2	91.2	3.8	99.8	392	1338	337
	4 Ohms/Ch. 8 Ohms Bridge	11.6	65.7	7.0	108.8	6.3	120.4	593	2024	510
	2 Ohms/Ch. 4 Ohms Bridge	11.5	55.9	6.8	96.5	6.2	105.3	695	2373	598
1/3rd Power Pink Noise Typical of program material with severe clipping.	8 Ohms/Ch. 16 Ohms Bridge	13.6	74.4	8.1	125.3	7.4	137.2	579	1977	498
	4 Ohms/Ch. 8 Ohms Bridge	27.6	73.9	16.0	127.2	14.3	141.0	1149	3921	988
	2 Ohms/Ch. 4 Ohms Bridge	25.0	67.0	14.9	113.5	13.6	124.3	1223	4173	1052

MA-12000i AC Current Draw and Thermal Dissipation:

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.
Typical line impedance used.
Data based on both channels driven.

MA-12000i										
		120VAC		208VAC		230VAC			Thermal Dissipation	
	Load	Line Current 120VAC	Watts Out Per 1A Amp Line Current	Line Current 208VAC	Watts Out Per 1A Amp Line Current	Line Current 230VAC	Watts Out Per 1A Amp Line Current	Watts Dissapited	Btu/hr	kcal/hr
Idle (sleep mode)		0.9		1.1		1.0		62	212	183
Idle (awake)		2.0		1.8		1.6		213	726	625
1/8th Power Pink Noise Typical of program material just at clip.	8 Ohms/Ch. 16 Ohms Bridge	8.3	63.6	5.1	103.3	4.7	111.8	441	1504	379
	4 Ohms/Ch. 8 Ohms Bridge	14.6	68.8	8.7	115.2	8.0	124.5	701	2394	603
	2 Ohms/Ch. 4 Ohms Bridge	14.2	62.9	8.2	106.1	7.7	113.6	764	2607	657
1/3rd Power Pink Noise Typical of program material with severe clipping.	8 Ohms/Ch. 16 Ohms Bridge	18.1	77.4	11.0	128.3	9.9	142.0	715	2439	615
	4 Ohms/Ch. 8 Ohms Bridge	35.1	76.3	20.8	128.6	18.7	144.2	1370	4677	1179
	2 Ohms/Ch. 4 Ohms Bridge	33.9	69.2	19.9	118.0	17.9	131.1	1589	5425	1368