

The tests was performed on 16 February 2009 by Alex Conway

Power save mode				
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation	
	115Vac	230Vac	btu/hr	kcal/hr
32	2	1	110	28

Quiescent (no signal)				
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation	
	115Vac	230Vac	btu/hr	kcal/hr
90	2.4	1.2	308	78

Per pair of channels driving 8 Ohms (16 Ohms bridge)					
Sine-wave Duty Cycle	AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation	
		115Vac	230Vac	btu/hr	kcal/hr
50%	535	6.6	3.3	461	117
40%	435	5.52	2.76	393	99
30%	336	4.32	2.16	328	83
20%	238	3.2	1.6	266	68
10%	164	2.4	1.2	219	55
Pink Noise (driven to clip)	280	3.6	1.8	379	96

Per pair of channels driving 4 Ohms (8 Ohms bridge)					
Sine-wave Duty Cycle	AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation	
		115Vac	230Vac	btu/hr	kcal/hr
50%	948	11.4	5.7	505	127
40%	755	9.0	4.5	393	99
30%	578	7.1	3.55	335	84
20%	400	5.1	2.55	273	69
10%	222	3.0	1.5	212	53
Pink Noise (driven to clip)	490	6.0	3.0	444	112

Per pair of channels driving 2 Ohms (4 Ohms bridge)					
Sine-wave Duty Cycle	AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation	
		115Vac	230Vac	btu/hr	kcal/hr
50%	1480	16.6	8.3	785	198
40%	1175	13.6	6.8	598	150
30%	890	10.4	5.2	478	120
20%	606	7.4	3.7	362	91
10%	326	4.2	2.1	260	66
Pink Noise (driven to clip)	700	9.0	4.5	512	129

Notes

- These measurements are for each pair of channels (A+B or C+D) or bridged pair
- The XiB had no filters and was set for unity gain
- The Power Analyser was a Hameg HM8115-2
- All measurements were done at 230Vac, 50Hz.
- The Current Draw figures for 115Vac are calculated
- The Pink noise generator was a Linea Research ATS1 with the following settings:

HPF freq 20Hz
 HPF shape 1st order
 LPF OUT
 Crest factor 8dB
 Output Level +5dBu