



DSi 2.0 SERIES

DEDICATED AMPLIFICATION
FOR JBL CINEMA SOLUTIONS



THERMAL AND POWER DRAW

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THERMAL AND POWER DRAW

DSi 2.0 SA4 and SA4-D Dual Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.85	78.6	268	68	0.65	77.6	265	67
1/8 Power Pink Noise Typical of program material just at clip	2Ω	6.11	210	716	181	3.14	212	723	182
	4Ω	3.62	113	385	97	2.09	118	402	101
	8Ω	2.31	93	317	80	1.28	90	307	77
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	14.5	379	1292	326	7.63	355	1211	305
	4Ω	8.64	192	655	165	4.74	187	638	161
	8Ω	5.15	146	498	126	2.84	134	457	115

DSi 2.0 SA4 and SA4-D Bridged Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.78	79.7	272	69	0.66	78.7	268	68
1/8 Power Pink Noise Typical of program material just at clip	4Ω	5.96	185	631	159	3.23	197	672	169
	8Ω	3.62	110	375	95	1.95	114	389	98
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	14.43	345	1176	297	7.62	354	1207	304
	8Ω	8.47	182	621	157	4.64	175	597	151

THERMAL AND POWER DRAW

DSi 2.0 MA4 and MA4-D Dual Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.8	85.5	292	74	0.52	82.5	281	71
1/8 Power Pink Noise Typical of program material just at clip	2Ω	11.9	378	1289	325	6.46	378	1289	325
	4Ω	6.99	230	784	198	3.96	228	777	196
	8Ω	4.31	152	518	131	2.36	155	529	133
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	28.4	704	2401	605	14.9	683	2329	587
	4Ω	16.8	368	1255	316	9.05	381	1299	328
	8Ω	9.71	219	747	188	5.26	207	706	178

DSi 2.0 MA4 and MA4-D Bridged Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.78	84.1	287	72	0.48	80.7	275	69
1/8 Power Pink Noise Typical of program material just at clip	4Ω	11.68	376	1282	323	6.24	334	1139	287
	8Ω	6.96	232	791	200	3.74	238	812	205
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	28.7	683	2329	587	14.76	701	2390	603
	8Ω	16.71	377	1286	324	9.04	370	1262	318

THERMAL AND POWER DRAW

DSi 2.0 LA4 and LA4-D- Dual Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.98	109.6	374	94	0.66	107.6	367	93
1/8 Power Pink Noise Typical of program material just at clip	2Ω	6.92	306	1043	263	3.88	296	1009	255
	4Ω	11.2	348	1187	299	6.21	352	1200	303
	8Ω	5.9	190	648	163	3.24	185	631	159
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	15.7	519	1770	446	8.3	527	1797	453
	4Ω	28.2	686	2339	590	14.5	648	2210	557
	8Ω	13.8	309	1054	266	7.54	290	989	249

DSi 2.0 LA4 and LA4-D- Bridged Mode

		120VAC/60Hz				230VAC/50Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
At Idle Awake	N/A	0.98	108.9	371	94	0.74	106.5	363	92
1/8 Power Pink Noise Typical of program material just at clip	4Ω	6.86	290	989	249	3.63	289	985	249
	8Ω	11.3	329	1122	286	6.13	321	1095	276
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	15.4	499	1702	429	8.32	503	1715	433
	8Ω	27.6	655	2268	572	14.55	676	2305	581