

DSi 2.0 Series

Power Draw & Thermal Dissipation Specifications



SA4 & SA4-D ■

DSi 2.0 SA4 & 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	710	2421	611	3.14	712	2428	612
	4Ω	3.62	413	1408	355	2.09	418	1425	359
	8Ω	2.31	268	914	230	1.28	265	904	228
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	14.5	1712	5838	1472	7.63	1688	5756	1452
	4Ω	8.64	992	3383	853	4.74	987	3366	849
	8Ω	5.15	613	2090	527	2.84	601	2049	517

DSi 2.0 SA4 & 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	685	2336	589	3.23	697	2377	599
	8Ω	3.62	410	1398	353	1.95	414	1412	356
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	14.43	1678	5722	1443	7.62	1687	5753	1451
	8Ω	8.47	982	3349	845	4.64	975	3325	839

DSi 2.0 Series

Power Draw & Thermal Dissipation Specifications



MA4 & MA4-D ■

DSi 2.0 MA4 & 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	1378	4699	1185	6.46	1378	4699	1185
	4Ω	6.99	830	2830	714	3.96	828	2823	712
	8Ω	4.31	502	1712	432	2.36	505	1722	434
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	28.4	3371	11495	2899	14.9	3350	11424	2881
	4Ω	16.8	1968	6711	1692	9.05	1981	6755	1704
	8Ω	9.71	1152	3928	991	5.26	1140	3887	980

DSi 2.0 MA4 & 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	1376	4692	1183	6.24	1334	4549	1147
	8Ω	6.96	832	2837	716	3.74	838	2858	721
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	28.7	3350	11424	2881	14.76	3368	11485	2896
	8Ω	16.71	1977	6742	1700	9.04	1970	6718	1694

DSi 2.0 Series

Power Draw & Thermal Dissipation Specifications



LA4 & LA4-D ■

DSi 2.0 LA4 & 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	806	2748	693	3.88	796	2714	685
	4Ω	11.2	1348	4597	1159	6.21	1352	4610	1163
	8Ω	5.9	690	2353	593	3.24	685	2336	589
1/3 Power Pink Noise Typical of program material at extreme clip	2Ω	15.7	1852	6315	1593	8.3	1860	6343	1600
	4Ω	28.2	3363	11468	2892	14.5	3315	11304	2851
	8Ω	13.8	1642	5599	1412	7.54	1623	5534	1396

DSi 2.0 LA4 & 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	790	2694	679	3.63	789	2690	679
	8Ω	11.3	1329	4532	1143	6.13	1321	4505	1136
1/3 Power Pink Noise Typical of program material at extreme clip	4Ω	15.4	1832	6247	1576	8.32	1836	6261	1579
	8Ω	27.6	3332	11362	2866	14.55	3342	11396	2874



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

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