



PLM 20000Q

Current Draw and Thermal Dissipation PLM™ Series: Powered Loudspeaker Management™

PLM 20000Q									
Level	Load	Rated power	Line current [A]	Power factor [%]	Measured Power [W]			Thermal Dissipation	
					In	Out	Dissipated	BTU/hr	kCal/hr
Mains voltage 100VAC 30A									
Standby			0,4	50,6	18	0	18	61	15
Power On, Idling			2,3	95,4	223	0	223	763	192
Pink pseudo noise*1)	16 Ω / Ch.	1150 x 4	12,5	98,9	1237	575	662	2260	569
	8 Ω / Ch.	2350 x 4	22,6	99,0	2237	1175	1062	3623	913
	4 Ω / Ch.	4400 x 4	30,0	99,0	2970	1487	1483	5060	1275
	2,67 Ω / Ch.	5000 x 4	30,0	99,0	2970	1431	1539	5252	1323
	2 Ω / Ch.	4800 x 4	30,0	99,0	2970	1335	1635	5579	1406
Sine 20kHz	16 Ω / Ch.	1 x 4	2,5	96,1	239	4	235	801	202
Mains voltage 120VAC 30A									
Standby			0,3	47,1	18	0	18	61	15
Power On, Idling			2,0	94,9	223	0	223	763	192
Pink pseudo noise*1)	16 Ω / Ch.	1150 x 4	10,1	98,7	1193	575	618	2109	531
	8 Ω / Ch.	2350 x 4	18,1	99,0	2156	1175	981	3349	844
	4 Ω / Ch.	4400 x 4	30,0	99,0	3564	1926	1638	5591	1408
	2,67 Ω / Ch.	5000 x 4	30,0	99,0	3564	1816	1748	5967	1503
	2 Ω / Ch.	4800 x 4	30,0	99,0	3564	1687	1877	6406	1614
Sine 20kHz	16 Ω / Ch.	1 x 4	2,1	95,3	239	4	235	801	202
Mains voltage 208 VAC 17,3 A									
Standby			0,3	28,7	18	0	18	61	15
Power On, Idling			1,2	88,1	223	0	223	763	192
Pink pseudo noise*1)	16 Ω / Ch.	1150 x 4	6,7	98,5	1372	575	797	2720	685
	8 Ω / Ch.	2350 x 4	10,6	99,0	2192	1175	1017	3472	875
	4 Ω / Ch.	4400 x 4	17,3	99,0	3562	1895	1668	5692	1434
	2,67 Ω / Ch.	5000 x 4	17,3	99,0	3562	1764	1798	6138	1546
	2 Ω / Ch.	4800 x 4	17,3	99,0	3562	1691	1871	6386	1609
Sine 20kHz	16 Ω / Ch.	1 x 4	1,3	90,2	239	4	235	801	202
Mains voltage 230VAC 16 A									
Standby			0,3	25,1	18	0	18	61	15
Power On, Idling			1,1	87,9	223	0	223	763	192
Pink pseudo noise*1)	16 Ω / Ch.	1150 x 4	5,2	98,2	1183	575	608	2076	523
	8 Ω / Ch.	2350 x 4	9,1	99,0	2078	1175	903	3083	777
	4 Ω / Ch.	4400 x 4	16,0	99,0	3643	2093	1550	5291	1333
	2,67 Ω / Ch.	5000 x 4	16,0	99,0	3643	2073	1570	5359	1350
	2 Ω / Ch.	4800 x 4	16,0	99,0	3643	1904	1739	5934	1495
Sine 20kHz	16 Ω / Ch.	1 x 4	1,2	88,2	239	4	235	801	202
Mains connector - 230 V CE version / 230 V ETL version / 115 V ETL version					32 A, Neutrik® powerCON® Twist lock				
*1) Pink pseudo noise at 1/8th of rated power or at maximum available line current for the given mains distribution									

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