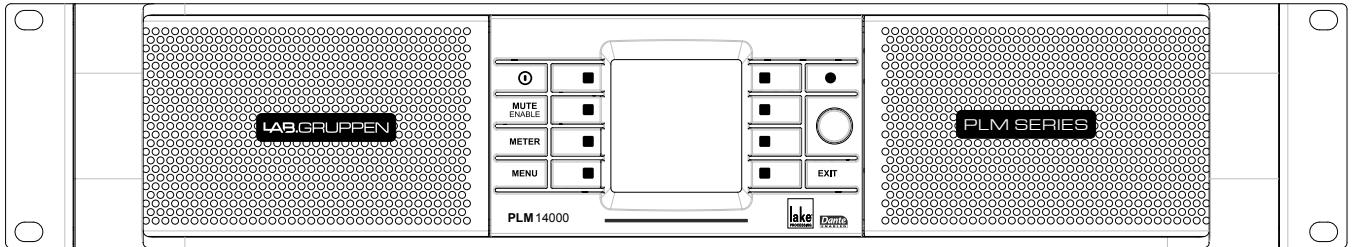




# PLM 14000



The following tables contain information on measured current consumption as well as calculated heat dissipation during normal operation (1/8 rated power); and during extreme heavy duty operation (max power).

PLM 14000									
Level	Load	Rated power	Line Current *2)		Watt *1)			Thermal Dissipation	
			120 VAC	230 VAC	In	Out	Dissipated	BTU/hr	kCal/hr
Standby with remote power off via NomadLink					12	0	12	42	11
Powered on, idling.					116	0	116	395	100
			Amp (I)		Watt				
<b>Pink noise (1/8 rated power)</b>	16 Ω / Ch.	1150 x 2	8.5	4.4	603	288	315	1077	271
	8 Ω / Ch.	2300 x 2	13.7	7.2	1023	575	448	1529	385
	4 Ω / Ch.	4400 x 2	23.4	12.2	1838	1100	738	2518	634
	2.67 Ω / Ch.	6200 x 2	30.0	15.7	2410	1550	860	2935	739
	2 Ω / Ch. <sup>*4)</sup>	7000 x 2	34.0	17.8	2767	1750	1017	3471	874
<b>Pink noise (max power) *3)</b>	16 Ω / Ch.	1150 x 2	14.1	7.4	1040	575	465	1588	400
	8 Ω / Ch.	2300 x 2	23.7	12.4	1834	1150	684	2334	588
	4 Ω / Ch.	4400 x 2	30.0	16.0	2448/2502	1569/1606	879/897	2999/3060	756/771
	2.67 Ω / Ch.	6200 x 2	30.0	16.0	2544/2601	1593/1630	951/971	3247/3313	818/835
	2 Ω / Ch.	7000 x 2	30.0	16.0	2623/2682	1626/1664	997/1017	3403/3473	857/875
<b>20 kHz Surveillance tone</b>	16 Ω / Ch.	1 x 2	2.3	1.2	119	2	117	400	101
Mains connector - 230 V CE version / 230 V ETL version / 115 V ETL version						32 A, Neutrik® PowerCon® Twist lock			
*1) The amplifier section's PSU operates as a non-resistive load, so the calculation "Volts x Amps = Watts" would not be correct. Instead, measured and specified here is what is known as the "Active Power" of the amplifier section providing useful, real-world values of power consumption and heat dissipation.									
*2) Current draw figures measured at 230 V. 115 V figures are converted from 230 V figures.									
*3) Figures measured at maximum sustainable power without tripping the mains fuse. Listed separately for 30 A/115 V and 16 A/230 V operation. Note that the max. power condition is very extreme and will not occur during normal operation. Also note that the mains breaker will not be tripped even if operation is <b>momentarily</b> in excess of max. ratings.									
*4) <i>Italics used for conditions that, if sustained over long time periods, may trigger the mains breaker. Therefore these measurements should not be used when calculating cooling requirements as they cannot be sustained by the mains breaker over time.</i>									

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