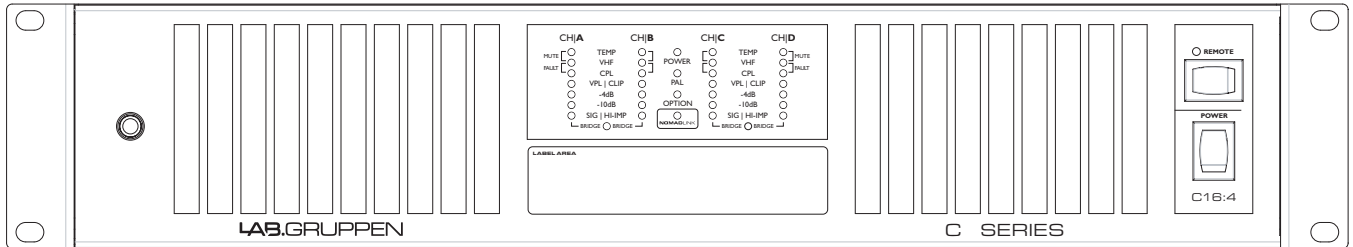




# C 16:4

## Current Draw and Thermal Dissipation C Series: Dedicated Installation Amplifiers



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 (1/4 rated power).

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Level	Load	Rated power	Line Current *2)		Watt *1)			Thermal Dissipation	
			115 VAC	230 VAC	In	Out	Dissipated	BTU/hr	kCal/hr
Standby with remote power off via NomadLink					0	0	0	0	0
Powered on, idling.					129	0	129	440	111
			Amp (I)		Watt				
Pink noise (1/8 rated power)	8 Ω / Ch.	400 x 4	8.6	4.3	526	200	326	1112	280
	16 Ω / Bridged	800 x 2							
	4 Ω / Ch.	300 x 4	8.2	4.1	485	150	335	1143	288
	8 Ω / Bridged	600 x 2							
	2 Ω / Ch.	n.r.							
	4 Ω / Bridged	n.r.							
	100V / Ch.	400 x 4	7.6	3.8	463	200	263	897	226
200V / Bridged	800 x 2								
Pink noise (1/4 rated power) *3)	8 Ω / Ch.	400 x 4	16.2	8.1	1046	533	513	1749	441
	16 Ω / Bridged	800 x 2							
	4 Ω / Ch.	300 x 4	15.2	7.6	953	400	553	1887	475
	8 Ω / Bridged	600 x 2							
	2 Ω / Ch.	n.r.							
	4 Ω / Bridged	n.r.							
	100 V / Ch.	400 x 4	14.4	7.2	944	533	411	1401	353
200 V / Bridged	800 x 2								
Mains connector, 230 V CE version			16 A, CEE7						
Mains connector, 115 V ETL version			15 A / 5-15P						
*1) The amplifier'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" in the amplifier providing useful, real-world values of power consumption and heat dissipation.									
*2) Current draw figures measured at 230 V. 115 V figures are 230 V figures multiplied by two.									
*3) Figures measured at maximum power before amplifier protection and limiter features are engaged. Typically this is between 1/4 and 1/3 of rated power. 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 in excess of max. ratings.									