



The following table presents information on amplifier AC current consumption as well as thermal dissipation during a standard musical program (1/8 rated output power) and during extreme heavy duty operation as could be highly compressed audio signals (1/4 rated output power).

Powersoft M50Q

Level	Load	Rated Power	AC Mains		Watt			Thermal Dissipation	
			230 V	115 V	Out	In	Dissipated	BTU/h	kcal/h
Switch off or remote power off by software*			0.13	0.09	0	2.2	2.2	7.5	1.9
Power on, amplifier in idle mode			0.51	0.6	0	64	64	218	55

		Watt	Ampere		Watt			BTU/h	kcal/h
Pink Noise (1/8 rated power)	8Ω/stereo	4 x 750	3.6	7.2	375	547	172	587	148
	16Ω/bridged	2 x 1500							
	4Ω/stereo	4 x 1250	5.8	11.6	625	905	280	955	241
	8Ω/bridged	2 x 2500							
	2Ω/stereo	n.a.	-	-	-	-	-	-	-
	4Ω/bridged	n.a.	-	-	-	-	-	-	-
Pink Noise (1/4 rated power)	8Ω/stereo	4 x 750	6.75	13.5	750	1051	301	1027	259
	16Ω/bridged	2 x 1500							
	4Ω/stereo	4 x 1250	11.1	22.2	1250	1772	522	1781	449
	8Ω/bridged	2 x 2500							
	2Ω/stereo	n.a.	-	-	-	-	-	-	-
	4Ω/bridged	n.a.	-	-	-	-	-	-	-

*Power absorption with amplifier switched off is not 0 because by EN60065/IEC 60065:2001-12 all amplifiers must have a bleeder resistor placed across the AC mains power line in order to discharge any residual current when the amplifier is disconnected from the mains.