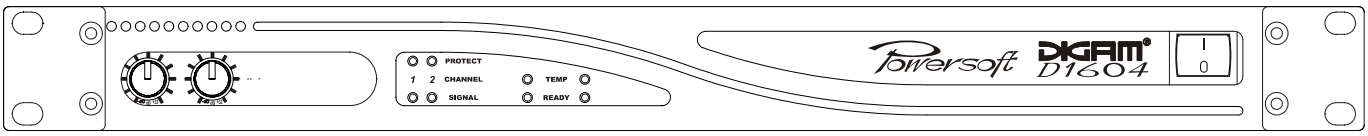
D1604

Current draw and thermal dissipation



The following table presents information on amplifier AC current consumption as well as thermal dissipation during a standard musical program, as can be pop or rock music, (1/8 rated output power) and during extreme heavy duty operation as could be highly compressed techno music (1/4 rated output power)

POWERSOFT D1604									
Level	**Load**	**Rated Power**	**AC Mains** 230VAC 115VAC		**Watt** Out	In	Dissipated	**Thermal Dissipation** BTU/hr	kcal/hr
Switch off or remote power off by software*			0,23	0,14	0	2,3	2,3	8	2
Power on, amplifier in idle mode			0,4	0,8	0	70	70	239	60
		Watt	**Ampere**		**Watt**			**BTU/hr**	**kcal/hr**
Pink Noise (1/8 rated power)	8 Ω/stereo	2 x 500	1,1	2,1	125	156	101	345	87
	16 Ω/bridged	1 x 1000							
	4 Ω/stereo	2 x 800	1,5	2,9	200	250	120	409	103
	8 Ω/bridged	1 x 1600							
	2 Ω/stereo	NA	NA	NA	NA	NA	NA	NA	NA
	4 Ω/bridged	NA							
Pink Noise (1/4 rated power)	8 Ω/stereo	2 x 500	1,7	3,5	250	313	133	452	114
	16 Ω/bridged	1 x 1000							
	4 Ω/stereo	2 x 800	2,6	5,1	400	500	170	580	146
	8 Ω/bridged	1 x 1600							
	2 Ω/stereo	NA	NA	NA	NA	NA	NA	NA	NA
	4 Ω/bridged	NA							

*Power absorption with amplifier switched off is not 0 because by EN60065/IEC 60065:2001-12 in any amplifier must be positioned a bleeding resistor across the incoming AC mains power line to discharge residual current in case of amplifier disconnection from the mains.

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