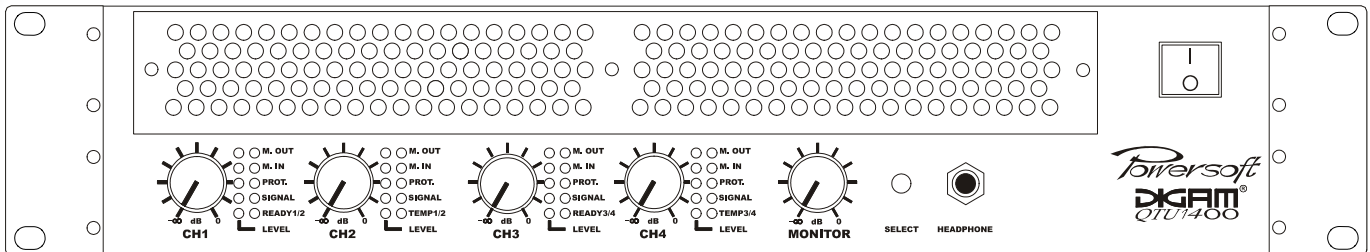


# QTU1400

## 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), during extreme heavy duty operation as could be highly compressed techno music (1/4 rated output power) and as full rated output as emergency signals as bell alarm can have a very high RMS content.

POWERSOFT QTU1400									
Level	Load	Rated Power	AC Mains		Watt Out	Watt In	Watt Dissipated	Thermal Dissipation	
			230VAC	115VAC				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			0,5	1	0	97	97	331	84
		Watt	Ampere		Watt		BTU/hr	kcal/hr	
Pink Noise (1/8 rated power)	50V @ 7,14 Ω	4 x 350	1,5	3	175	219	141	480	121
	70V @ 14 Ω	4 x 350	1,5	3	175	219	141	480	121
	100V @ 28,5Ω	4 x 350	1,5	3	175	219	141	480	121
Pink Noise (1/4 rated power)	50V @ 7,14 Ω	4 x 350	2,4	4,9	350	438	185	629	159
	70V @ 14 Ω	4 x 350	2,4	4,9	350	438	185	629	159
	100V @ 28,5Ω	4 x 350	2,4	4,9	350	438	185	629	159
Pink Noise (full rated power)	50V @ 7,14 Ω	4 x 350	8,1	16,3	1400	1750	447	1524	385
	70V @ 14 Ω	4 x 350	8,1	16,3	1400	1750	447	1524	385
	100V @ 28,5Ω	4 x 350	8,1	16,3	1400	1750	447	1524	385

\*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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