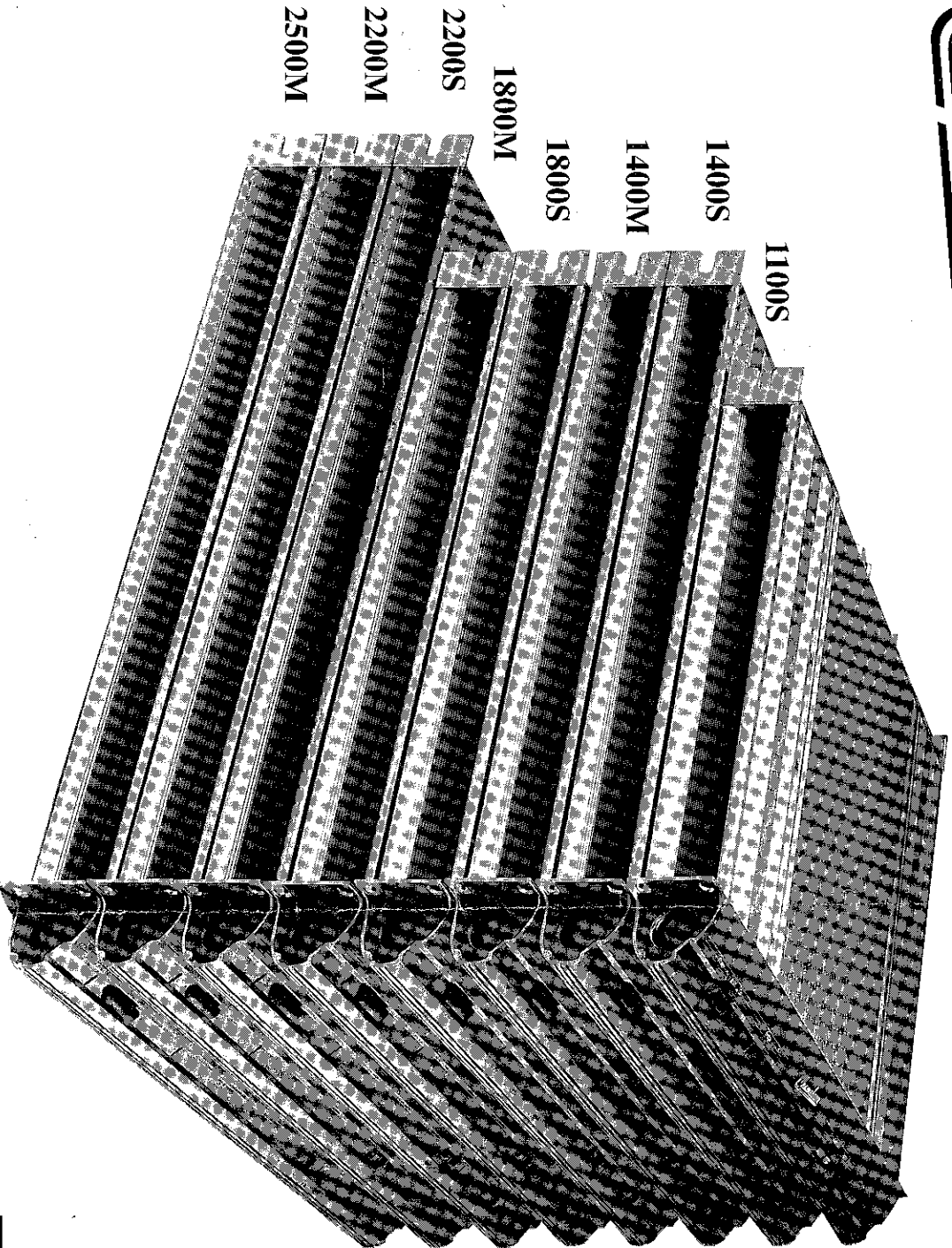


Chameleon

power amplifiers - *the best sound you've ever heard!*



	rms cont.av.*	rms 20ms burst
1100S	350W / 4Ω	550W / 4Ω
1400S	500W / 4Ω	700W / 4Ω
1400M	1000W / 2Ω	1400W / 2Ω
1800S	600W / 4Ω	900W / 4Ω
1800M	1200W / 2Ω	1800W / 2Ω
2200S	625W / 4Ω	1100W / 4Ω
2200M	1250W / 2Ω	2200W / 2Ω
2500M	1500W / 2Ω	2500W / 2Ω

*per channel, both channels driven. 'M' (mono) single channel

MALCOLM HILL ASSOCIATES



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 ENGLAND
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Chameleon power amplifier - technical specifications

		1100S	1400S	1800S	2200S	1400M	1800M	2200M	2500M
Output Power									
<i>Per channel, both channels driven:</i>									
Continuous average (r.m.s., 1 kHz, < 0.1% t.h.d.)	8Ω	250W	310W	350W	400W	-	-	-	-
	4Ω	350W	500W	600W	635W	-	-	-	-
Dynamic burst (r.m.s., 1 kHz, 20mS, < 0.5% t.h.d.)	8Ω	375W	400W	500W	675W	-	-	-	-
	4Ω	550W	700W	900W	1100W	-	-	-	-
	2Ω	-	1100W	1350W	1600W	-	-	-	-
<i>Single channel driven:</i>									
Continuous average (r.m.s., 1 kHz, < 0.1% t.h.d.)	8Ω	275W	360W	425W	500W	375W	450W	550W	625W
	4Ω	425W	600W	675W	800W	620W	700W	850W	1000W
	2Ω	-	-	-	-	1000W	1200W	1270W	1400W
Dynamic burst (r.m.s., 1 kHz, 20mS, < 0.5% t.h.d.)	8Ω	400W	450W	550W	700W	475W	600W	725W	850W
	4Ω	700W	800W	950W	1350W	800W	1050W	1400W	1700W
	2Ω	-	1200W	1500W	2100W	1400W	1800W	2200W	2500W
Intermodulation Distortion (SMPTE):					< 0.01%				
Total Harmonic Distortion (DIN):					1kHz : < 0.005%.	20Hz-20kHz : < 0.025%			
Crosstalk:		< -75dB	< -75dB	< -75dB	< -80dB				
Noise:		< -100dBA	< -100dBA	< -100dBA	< -105dBA	< -100dBA	< -100dBA	< -105dBA	< -105dBA
Slew Rate:		> 70V/μS	> 70V/μS	> 80V/μS	> 100V/μS	> 70V/μS	> 80V/μS	> 100V/μS	> 110V/μS
Rise Time:					2μS				
Damping Factor (50Hz/8Ω):		> 300	> 500	> 500	> 750	> 750	> 750	> 1000	> 1500
Frequency Response:					20Hz - 20kHz	: +0.1/-0.25dB			
Input Sensitivity:					1V				
Input Impedance:					20kΩ (balanced)	10kΩ (unbalanced)			
Height:					44.5mm / 1.74" (1U)				
Depth:		320mm 12.5"	410mm 16.25"	410mm 16.25"	505mm 19.75"	410mm 16.25"	410mm 16.25"	505mm 19.75"	505mm 19.75"
Width:					438mm / 17.25" (19" rack)				
Weight:		8kG 18lbs	10kG 22.5lbs	10kG 22.5lbs	13kG 29lbs	10kG 22.5lbs	10kG 22.5lbs	13kG 29lbs	13kG 29lbs

MALCOLM HILL ASSOCIATES



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