



C-5000 Pre-amplifier

Rated Output Voltage / Output Impedance	INPUT 200 mV (20 Hz - 20 kHz, 0.01% THD)		BAL (BYPASS) 2 Vrms 150 Ω
			BAL (ATT) 1 Vrms 150 Ω
			LINE1 / LINE2 1 Vrms 150 Ω
			LINE2 REC OUT 200 mVrms 1.2 kΩ
Input Sensitivity / Impedance	BAL / LINEOUT: 1 V	BAL	200 mVrms 52 kΩ
		LINE etc	200 mVrms 56 kΩ
	LINE2 REC OUT: 150 mV (1 kHz)	MC 300Ω	100 uVrms 300 Ω
		MC 100Ω	100 uVrms 100 Ω
		MC 30Ω	100 uVrms 30 Ω
		MC 10Ω	100 uVrms 10 Ω
		MM BAL (UNBAL)	2.5 mVrms 52 k (56 kΩ)
		EXT IN	1 Vrms 20 kΩ
Frequency Response	BAL / LINE, LOAD: 22 kΩ		+0 dB / -3 dB (5 Hz - 100 kHz)
			+0 dB / -0.3 dB (20 Hz - 20 kHz)
Total Harmonic Distortion Plus Noise (20 Hz - 20 kHz, 0.5 V)	BAL (LINE, etc) to BAL (LINE)		0.0100%
	MC BAL (UNBAL) to LINE2 REC OUT		0.0200%
	MM BAL (UNBAL) to LINE2 REC OUT		0.0200%
Channel Separation (1 kΩ terminated, 1 kHz / 10 kHz)	BAL / LINE, etc		≥ 110 dB
	MC BAL / UNBAL		≥ 80 dB
	MM BAL / UNBAL		≥ 98 dB
S/N Ratio (1 kΩ terminated)	BAL / LINE, etc		≥ 110 dB
	MC 22 kΩ, MC BAL / UNBAL		≥ 80 dB
	MM BAL / UNBAL		≥ 98 dB

M-5000 Power Amplifier

Rated Output Power	2-ch Driven (8 Ω, 20 Hz - 20 kHz, 0.07% THD)	100 W + 100 W
	2-ch Driven (4 Ω, 20 Hz - 20 kHz, 0.07% THD)	200 W + 200 W
	Monaural Driven (8 Ω, 20 Hz - 20 kHz, 0.07% THD)	400 W
Dynamic Power/Channel (IHF Dynamic Headroom measuring method)	8 Ω	125 W + 125 W
	6 Ω	170 W + 170 W
	4 Ω	250 W + 250 W
	2 Ω	500 W + 500 W
Maximum Output Power	(4 Ω, 1 kHz, 0.7% THD)	220 W + 220 W
IEC Output Power	(8 Ω, 1 kHz, 0.02% THD)	125 W + 125 W
Maximum Effective Output Power (JEITA)	(8 Ω, 1 kHz, 10% THD)	135 W + 135 W
	(4 Ω, 1 kHz, 10% THD)	270 W + 270 W
Damping Factor	(8 Ω, 1 kHz)	≥ 300
Input Sensitivity / Input Impedance	BAL	2.0 Vrms / 47 kΩ
	LINE	1.0 Vrms / 47 kΩ
Frequency Response	5 Hz - 100 kHz	+0 / -3 dB
	20 Hz - 20 kHz	+0 / -0.3 dB
Total Harmonic Distortion Plus Noise (2-ch driven)	LINE to SP OUT (20 Hz - 20 kHz, 50 W / 8 Ω)	0.035%
	BAL to SP OUT (20 Hz - 20 kHz, 50 W / 8 Ω)	0.035%
Total Harmonic Distortion Plus Noise (Monaural driven)	LINE to SP OUT (20 Hz - 20 kHz, 200 W / 8 Ω)	0.05%
	BAL to SP OUT (20 Hz - 20 kHz, 200 W / 8Ω)	0.05%
S/N Ratio (IHF-A Network)	Input 1 kΩ shorted, 200 W / 4 Ω	110 dB