

POWER ML POWER 4

D-CLASS FOUR CHANNEL AMPLIFIER

1000 W



POWER SUPPLY

Power supply voltage:	11÷15 VDC
Idling current:	1,5 A
Idling current when off:	0.04 mA
Consumption @ 2Ω, 14.4 VDC (Max Musical Power):	50 A

AMPLIFIER STAGE

Distorsion - THD (100 Hz @ 4Ω):	0.08 %
Bandwidth (-3 dB):	5 ÷ 55k Hz
S/N Ratio (A weighted @ 1 V):	100 dB
Damping factor (100 Hz @ 4Ω):	80
Pre-In sensitivity:	0.2 ÷ 5 V RMS
Pre-In impedance:	15 kΩ
Speaker-In sensitivity:	0.8 ÷ 20 V RMS
Speaker-In impedance:	470 Ω
Load impedance:	
4 Ch	2Ω
3 Ch	2 x 2Ω ÷ 1 x 4Ω
2 Ch	4Ω

CEA 2006-A RATINGS

RMS Power (4 Ω, ± 1 % THD+N, 14.4 V):	120 W x 4Ch
S/N Ratio (ref. 1 W output):	80 dBA



OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:

4 Ch	150 W x 4 (4Ω)
4 Ch	250 W x 4 (2Ω)
3 Ch	150 W x 2 (4Ω) + 500 W x 1 (4Ω)
3 Ch	250 W x 2 (2Ω) + 500 W x 1 (4Ω)
2 Ch	500 W x 2 (4Ω)

OTHER FUNCTIONS

Remote In:	4 ÷ 15 VDC - 1 mA
ART™:	Automatic Remote Turn-On/Off with Speaker-In
Fuse:	2 x 40 A

- ADC (ADVANCED D-CLASS TECHNOLOGY) ensures hi-end acoustic response with unmatched power efficiency;
- Thermally optimized double extruded heat sink featuring die-cast aluminium ergonomic terminals;
- 250 W x 4 (2Ω) RMS power boasting hi-end quality;
- 12 dB/Oct. continuously adjustable (50 to 5k Hz and 80 to 3.3k Hz) active crossover featuring Lo-Pass/Hi-Pass or Full Range settings;
- Specific A/B Input switch, eliminates the need for RCA Y-Adapters;
- ML Power IN with balanced Speaker In inputs for an increased noise rejection and RCA In;
- Operating status real time monitoring through 4 LEDs;
- Pre-out full range outputs also available with Speaker In inputs;
- ART™ (Automatic Remote Turn On-Off).

INPUTS / FILTERS

Inputs:	Pre IN / Speaker IN
Outputs:	Pre OUT
A Ch Filters: Full/Hi-Pass/Lo-Pass	50 ÷ 5k Hz (2 range) @ 12 dB/Oct.
B Ch Filters: Full/Hi-Pass/Lo-Pass	80 ÷ 3.3k Hz @ 12 dB/Oct.

FILTER CONFIG.

Speakers Output		Signals Inputs and Selector	
B channels	A channels	B input	A input
			INPUT
			INPUT
			INPUT

SIZE / WEIGHT

Max size (mm/inches):
170 x 289 x 46.70
6.69" x 11.38" x 1.84"

Weight (kg/lb):
2.45 / 5.4