

POWER ML POWER 1

D-CLASS MONO AMPLIFIER

1000 W

ADC
ADVANCED D-CLASS



HRC BM (optional)

POWER SUPPLY

Power supply voltage:	11÷15 VDC
Idling current:	2 A
Idling current when off:	0.04 mA
Consumption @ 1Ω, 14.4 VDC (Max Musical Power):	83.5 A

AMPLIFIER STAGE

Distorsion - THD (100 Hz @ 4Ω):	0.08 %
Bandwidth (-3 dB):	18 ÷ 150 Hz
S/N Ratio (A weighted @ 1 V):	105 dB
Damping factor (100 Hz @ 4Ω):	100
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 ÷ 1Ω

CEA 2006-A RATINGS

RMS Power (4 Ω, ± 1 % THD+N, 14.4 V):	600 W x 1Ch	
S/N Ratio (ref. 1 W output):	83,5 dBA	

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

1 Ch	600 W x 1 (4Ω)
1 Ch	1000 W x 1 (2Ω)
1 Ch	1000 W x 1 (1Ω)

OTHER FUNCTIONS

Remote In:	4 ÷ 15 VDC - 1 mA
ART™:	Automatic Remote Turn-On/Off with Speaker-In
Fuse:	3 x 40 A

1. ADC (ADVANCED D-CLASS TECHNOLOGY) ensures hi-end acoustic response with unmatched power efficiency;
2. Thermally optimized double extruded heat sink featuring die-cast aluminium ergonomic terminals;
3. Stable at 1Ω to drive safely Mille subwoofers;
4. Optional HRC BM for subwoofer volume control;
5. 24 dB/Oct. continuously adjustable (40 to 150Hz) Lo-Pass filters and 24dB/Oct. subsonic filter (18 to 40Hz);
6. Variable phase control with 0–180° continuity to optimize low frequencies;
7. ML Power IN with balanced Speaker In inputs for an increased noise rejection and RCA In;
8. Operating status real time monitoring through 4 LEDs ;
9. Pre-out full range outputs also available with Speaker In inputs;
10. ART™ (Automatic Remote Turn On-Off).

INPUTS / FILTERS

Inputs:	Pre IN / Speaker IN
Outputs:	Pre OUT
Filters: Lo-pass	40 ÷ 150 Hz @ 24 dB/Oct.
Phase:	(continuous adjustment) 0 ÷ 180°
Subsonic: Hi-pass	18 ÷ 40 Hz @ 24 dB/Oct.
Remote SUB Volume:	(-50 ÷ 6) dB

SIZE / WEIGHT

Max size (mm/inches):	170 x 349 x 46.70 6.69" x 13.74" x 1.84"
Weight (kg/lb):	3.09 / 6.81

FILTER CONFIG.

