

POWER ML POWER 5

D-CLASS FIVE CHANNEL
AMPLIFIER

950 W

ADC
ADVANCED D-CLASS



HRC BM (optional)

POWER SUPPLY

Power supply voltage:	11÷15 VDC
Idling current:	3 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 A & B Ch (-3 dB):	5 ÷ 50k Hz
Bandwidth C Ch (-3 dB):	8 ÷ 150 Hz
S/N Ratio A & B Ch (A weighted @ 1 V):	100 dB
S/N Ratio C Ch (A weighted @ 1 V):	106 dB
Damping factor A & B Ch (100 Hz @ 4Ω):	50
Damping factor C Ch (100 Hz @ 4Ω):	90
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:	
5 Ch	4 x 2Ω + 1 x 2Ω
3 Ch	2 x 4Ω + 1 x 2Ω

CEA 2006-A RATINGS

RMS Power (4 Ω, ± 1 % THD+N, 14.4 V):	60 W x 4 Ch + 310 W x 1 Ch
S/N Ratio (ref. 1 W output):	60 W Channel: 80 dBA 310 W Channel: 84 dBA



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

5 Ch	70 W x 4 + 380 W x 1 (4Ω)
5 Ch	100 W x 4 + 550 W x 1 (2Ω)
3 Ch	200 W x 2 (4Ω) + 380 W x 1 (4Ω)
3 Ch	200 W x 2 (4Ω) + 550 W x 1 (2Ω)

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. 100 W x 4 + 550 W x 1 (2Ω) RMS power boasting hi-end quality;
4. Optional HRC BM for subwoofer volume control;
5. Highly flexible crossover system allows full range or Hi-pass 12 dB/Oct. filter on A & B channels for front + rear configurations or Hi-Pass + Band-Pass on A & B channels for multichannel configurations and Lo-Pass 24 dB/Oct filter on C channel for optimal subwoofer control;
6. 3-Channel mode switch is provided to easily set up the amplifier for high power front speaker system + subwoofer to achieve up to 200 W x 2 (4Ω) + 550 W x 1 (2 Ω).
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. Full range Pre-out also available when using Speaker Level In inputs;
10. ART™ (Automatic Remote Turn On-Off).

OTHER FUNCTIONS

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

INPUTS / FILTERS

Inputs:	Pre IN / Speaker IN
A Ch filters: Full / Hi-Pass / Band-Pass	40 ÷ 150 Hz (HI) 80 ÷ 3.3k Hz (LO) @ 12 dB/Oct.
B Ch filters: Full / Hi-Pass	80 ÷ 3.3k Hz @ 12 dB/Oct.
C Ch filters: Lo-Pass	40 ÷ 150 Hz @ 24 dB/Oct.
Remote SUB volume:	(-50 ÷ 6) dB

SIZE / WEIGHT



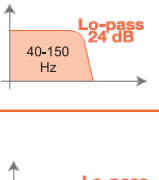
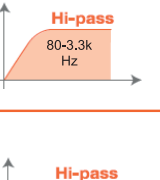
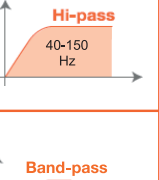






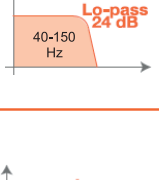
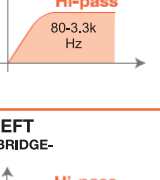
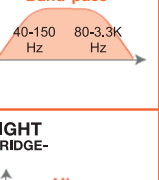






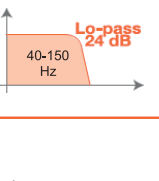
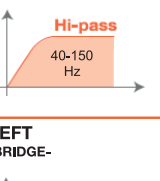
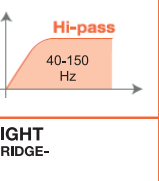




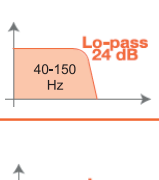
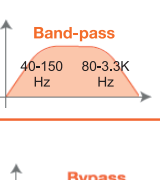
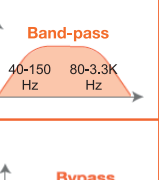




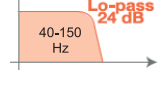
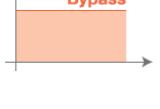





Max size (mm/inches):	170 x 349 x 46.70 / 6.69" x 13.74" x 1.84"
Weight (kg/lb):	3.09 / 6.81

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D-CLASS FIVE CHANNEL
AMPLIFIER

950 W

FILTER CONFIG.

MODE	Speakers Output			Signals Inputs and Selector		
	SUB	B channels	A channels	SUB input	B input	A input
 5ch  3ch	 Lo-pass 24 dB 40-150 Hz	 Hi-pass 80-3.3k Hz	 Hi-pass 40-150 Hz	 SUB  A+B	 A  B	INPUT
 5ch  3ch	 Lo-pass 24 dB 40-150 Hz	 Hi-pass 80-3.3k Hz	 Band-pass 40-150 Hz 80-3.3K Hz	 SUB  A+B	 A  B	INPUT
 5ch  3ch	 Lo-pass 24 dB 40-150 Hz	<p>LEFT -BRIDGE-</p>  Hi-pass 40-150 Hz	<p>RIGHT -BRIDGE-</p>  Hi-pass 40-150 Hz	 SUB  A+B	X	INPUT
 5ch  3ch	 Lo-pass 24 dB 40-150 Hz	<p>LEFT -BRIDGE-</p>  Band-pass 40-150 Hz 80-3.3K Hz	<p>RIGHT -BRIDGE-</p>  Band-pass 40-150 Hz 80-3.3K Hz	 SUB  A+B	X	INPUT
 5ch  3ch	 Lo-pass 24 dB 40-150 Hz	 Bypass	 Bypass	 SUB  A+B	 A  B	INPUT