



Digital Power Amplifier

Power · Performance · Protection



AMPLIFIERS

DPM Series

Digital Power Amplifier

At the dawn of digital amplification, IVA offer the DPM series amplifier with performance and reliability as the top features. Digital amplification offers a new technology which allows constant voltages regarding of the load impedance. This voltage stability is extremely needed in the era of power hungry speaker system. Protection mode has been a upgrade from conventional amplifier where signal distortion is totally eliminated and signal remain at the maximum voltage without any signal distortion. Another innovative feature which only possible in digital amplification is the voltage peak limiter. The VPL allows you to set the correct output power for the connected speaker type and the load of connected channel.

Feature

- Lightweight & powerful amplifier
- Extremely Stable Voltage Output
- 8 ohm / 4 ohm load capability
- Elimination of Output Signal Distortion
- Voltage peak Limiter to match load
- Multiple speed fans



SPECIFICATIONS

MODEL		DPM-2.15	DPM-4.9	DPM-4.13
POWER RATING	8 OHM	2 × 1500 W	4 × 900 W	4 × 1300 W
	4 OHM	2 × 3000 W	4 × 1800 W	4 × 2500 W
Input Sensitivity		0.77V, 1.44V		
Input CMRR		> 80 dB		
Damping Factor		> 1000 @ 8 ohm		
THD		< 0.1% (20Hz - 20 kHz 1 W)		
Frequency Response		20 Hz - 34 kHz		
Cooling		Variable Speed Fan Front to rear		
Power Requirement		180V - 240V 50-60 Hz		
Dimensions (HxWxD)		88 × 488 × 438mm		
Packing Dimension (HxWxD)		150 × 600 × 550mm		
Net Weight (kg)		11.5 kg	12.2 kg	12.9kg
Gross Weight (kg)		14.6 kg	15.3kg	16kg

Special Feature: Output Voltage Peak Limiter (VPL)

Voltage Peak Limiter (VPL) is unique feature in IVA Digital Amplifier. It is used to select maximum power available on each output channel. The VPL allows you to set the correct output power for the connected speaker type and the load of connected channel. If you choose a lower VPL setting, you only reduce the output voltage. At the same time, this allows a more current headroom for low-impedance loads. The amplifier thus runs at higher efficiency, with a significantly reduced risk of going into thermal protection.

8 (4) Ohm VPL

MODEL	2 x 1500 W	4 x 900 W	4 x 1300 W
0	230 (400)	110 (220)	170 (340)
1	280 (560)	140 (280)	210 (420)
2	330 (660)	160 (320)	260 (520)
3	390 (780)	200 (400)	310 (620)
4	460 (920)	240 (480)	360 (720)
5	530 (1060)	290 (580)	420 (840)
6	600 (1200)	330 (660)	480 (960)
7	690 (1380)	380 (760)	550 (1100)
8	770 (1540)	440 (880)	620 (1240)
9	860 (1720)	500 (1000)	700 (1400)
A	960 (1920)	550 (1100)	780 (1560)
B	1060 (2120)	610 (1220)	850 (1700)
C	1160 (2320)	690 (1380)	950 (1900)
D	1280 (2560)	760 (1520)	1050 (2100)
E	1390 (2780)	820 (1640)	1150 (2300)
F	1510 (3020)	900 (1800)	1300 (2600)

