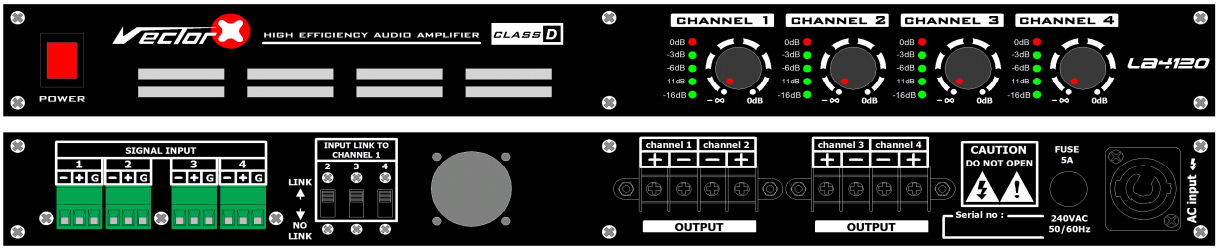
Class D
Power amplifier

LA-4120



The LA-4120 light weight compact size quad channel audio amplifier with very high quality sonic performance. High efficiency Class D architecture with very smooth and responsive behaviour.
Wide range (220 - 264VAC) high current SMPS for dynamic and high headroom audio applications.

Key features:

- Quad channel high efficiency Class D architecture (Efficiency > 80%)
- High current SMPS
- Individual level controls
- Compact size and light weight
- Individual LED indicators for input signal level

Specifications

Input impedance	10KΩ
Frequency reponse	20Hz to 20KHz
Closed loop voltage gain	36 dB
Output power	4 x 150 Watts per channel into 4Ω
Input sensitivity	1 Vrms
Total harmonic distrotion	0.10%
System efficiency	>80%
Class D oscillator	335 KHz
Protection circuits	a) Thermal foldback
	b) Over temperature
	c) Over current
	d) Under voltage
	e) Over voltage
Dimension mm (W x H x D)	483 x 320 x 44.5
Weight	4.6 Kg

system block diagram

