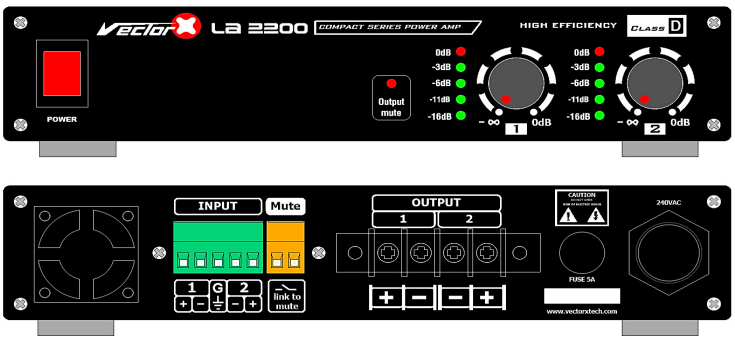
Class D
Power amplifier

LA-2200



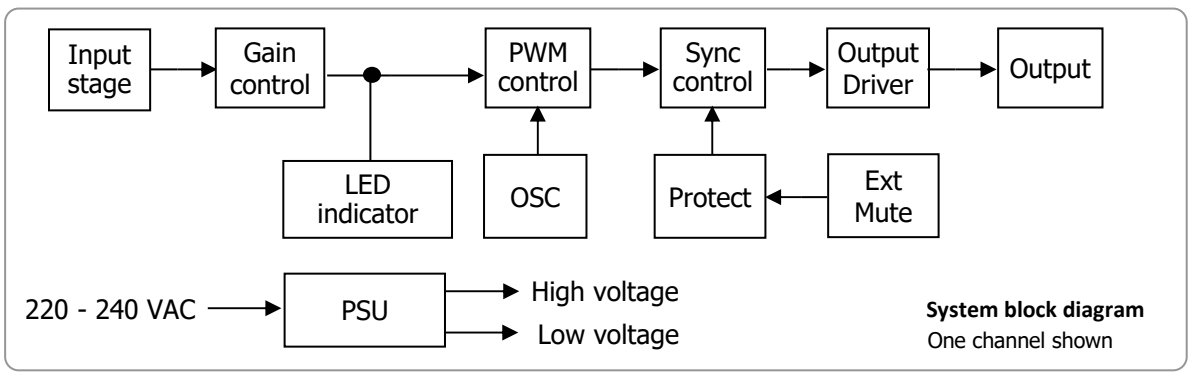
The LA-2200 is a light weight compact size dual channel audio amplifier with high quality sonic performance utilizing advanced integrated feedback design and high speed gate driver error correction. The high efficiency Class D architecture has very smooth and responsive dynamic behaviour. Wide range (220 - 264VAC) high current SMPS ensure stable and reliable operation.

Key features:

- Dual channel high efficiency Class D architecture (Efficiency > 80%)
- High current SMPS
- Electronically balanced inputs
- External dry contact trigger for emergency muting
- Individual level controls
- Compact size and light weight

Specifications

Input impedance	20KΩ
Frequency reponse	20Hz to 20KHz
Closed loop voltage gain	36 dB
Output power	2 x 200 Watts per channel into 4Ω
Input sensitivity	1 Vrms
Total harmonic distrotion	0.05%
System efficiency	>80%
Class D oscillator	450 KHz
Dynamic range	112dB
Protection circuits	a) Thermal foldback b) Over temperature c) Over current d) Under voltage e) Over voltage
Dimension mm (W x H x D)	216 x 320 x 44.5
Weight	2.3 Kg



System block diagram
One channel shown