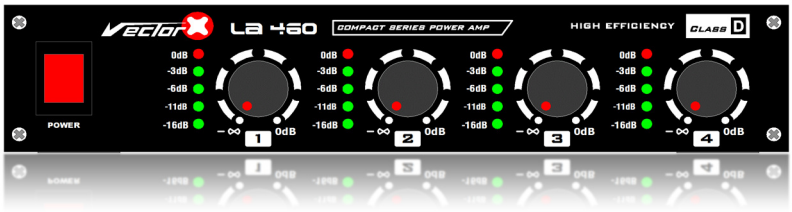
# CLASS D
# POWER AMPLIFIER

## Power amplifier

## LA-460




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 ensure stable and reliable operation.

**Key features:**

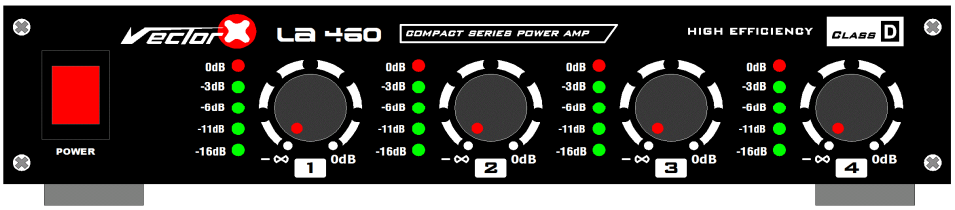
* Quad channel high efficiency Class D architecture ( Efficiency >80% )
* High current SMPS
* Individual level controls
* Compact size and light weight
* Individual LED indicators for input signal level

# Power amplifier LA-460

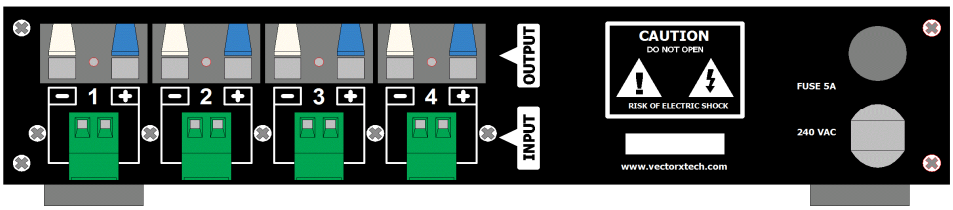
## Specifications

| | |
|---|---|
| Input impedance | 50kΩ |
| Frequency response | 20Hz to 20kHz |
| Closed loop voltage gain | 36dB |
| Output power | 4 x 60 Watts per channel into 4Ω |
| Input sensitivity | 1 Vrms |
| Total harmonic distortion | 0.05% |
| System efficiency | >86% |
| Class D oscillator | 335kHz |
| Protection circuits | |
| | a) Thermal protection |
| | b) Over temperature |
| | c) Over current protection (Output >7.5A) |
| | d) Power supply over voltage & under voltage |
| | e) Short circuit |
| Dimension mm ( W x H x D) | 215 x 44.5 x 320 |
| Weight | 2.2Kg |

## Front panel




## Rear panel




system block diagram

