



TENDZONE
DIGITAL AUDIO PROCESSOR

DA Multi-Channel Digital Amplifier

DA2250 DA2600 DA4300 DA6250 DA8100



Features

- Full range of protection: short circuit, overheat, overload, over-current, output DC, soft start, current fuse protection and transformer overheat protection
- When the load connected to the amplifier is less than rated, the output power will be automatically controlled; the power will be kept constant within a safety range, greatly improving the stability of the amplifier.
- Especially design for professional high-end amplifiers, also known as the zero crossing turn-on/turn-off technology, minimizes start-up current draw.
- A unique smart thermal regulation circuit, coupled with an aviation industry high-density aluminum radiator helps regulate the unit's operating temperature and ensure high stability.
- Amplifier modules use tunnel architecture, greatly improving cooling efficiency and stability.
- The use of a large power bridge rectifier, together with a high-density aluminum grid radiator, ensures optimal performance under large dynamic range and large SPL demands and improves the load capacity and stability of the amps. The amplifier circuit is optimized and improved from a traditional HIFI-class TD circuit. The sound quality is natural, transparent, smooth with excellent extension in the mid/high frequency range. Precision, low noise resistors and capacitors ensure high performance and zero drift of the circuit.

Technical Indicators

Model	DA2250	DA2600	DA4300	DA6250	DA8100	DA10000
Number of channels	2	2	4	6	8	2
8Ω load	250W×2	600W×2	300W×4	250W×6	100W×8	1000W×2
4Ω load	350W×2	900W×2	450W×4	375W×6	150W×8	1500W×2
Frequency response	20Hz-20KHz+0/-0.5dB					
THD+N	< 0.05%@8Ω 1KHz					
S/N Ratio	> 105dB					
Conversion rate	40V/μs					
Damping factor	> 600@8Ω					
Channel isolation	> 1000dB@8Ω 1KHz					
Input impedance	20KΩ (balance) /10kΩ (unbalance)					
Input sensitivity	1.0V					
Protection	DC, short circuit ,over heat, softstart					
Control	Front Panel: power Switch/CH volume Rear Panel :mode/low pass/grounding					
Height	1U					
Volume	0.012m ³					