



POWER

APart

APart PA8250 MULTI CHANNEL AMPLIFIER



This versatile 19" - 8 channel amplifier is compact but yet powerful and provides 8 x 250 W of program power in 4 Ohm use. For higher power requirements, the amp can be bridged per 2 channels with 4 x500 W in 8 Ohm bridged mode as a result.

It has very good cooling thanks to 2 high efficiency fans with 3-step control that kick in once the temperature exceeds 50° C.

Thanks to its input signal linking it is possible to get one single signal through all the output channels. The high pass filters take care of unwanted rumble or low frequency sounds.

Inputs can be connected through RCA-cinch or Euroblock. The 8 speaker terminals are Euroblock as well, so there is no need for soldering in those difficult on-site conditions.

The PA8250's 8-channel architecture makes it easy to set up volumes for all 8 zones individually. This power amp is especially suitable for multiroom- or matrix systems or places like cafés, sportsbars or pubs : venues where you prefer different music levels in different areas.

A combination with the APart PT8210 transformer provides a maximum of flexibility to build a custom designed system of 100 V and low-impedance zones. A solution which will allow any



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TECHNICAL SPECIFICATIONS

Amplifier type	8 channel, bridgeable
Output power per channel from 20Hz to 20 kHz	
RMS program power into 8 Ohms	140 W
RMS program power into 4 Ohms	250 W
RMS program power into 8 Ohms 2 channels bridged	500 W
Load impedance individual channels	minimum 4 Ohms
Load impedance bridge mode	minimum 8 Ohms
Damping factor (ref 8 ohm)	>250
Frequency response	20Hz - 20 kHz +/- 1 dB
Total harmonic distortion	≤0,15%
Intermodulation distortion	≤0,2%
Crosstalk	≥65 dB
Signal to noise ratio	≥95 dB
Slew rate	≥15V/μs
Inputs	Balanced Euroblock, Unbalanced RCA (cinch)
Input impedance balanced input	Both inputs are summed into mixing point
Input impedance unbalanced input	20 kOhms
Input sensitivity balanced & unbalanced	10 kOhms
Routing	0 dBv
Filters	Linkable stereo inputs, stereo to mono mix Bridge mode adjacent channels only (e.g, 1&2, 3&4,,)
Limiter	75 Hz highpass filter, 12 dB/octave, switchable
Protection circuits	Ground lift switch AP® limiter circuit, non defeatable Signal limiter, overload, short-circuit, DC, overheat, softstart
Cooling	2 High efficiency fans with individual 3 speed control:
Power supply	Off (<50° C), Half speed (>50° C), Full speed (>70° C)
Fuse	230 VAC/50Hz
Power consumption	10A slow Idle: 25 VA Full program power 8 channels: 1600 VA
Dimensions Height x Width x Depth	Max peak power: 3400 VA
Weight	132 x 483 x 484 mm Net: 25,3 kg (gross shipping weight 29,8 kg)