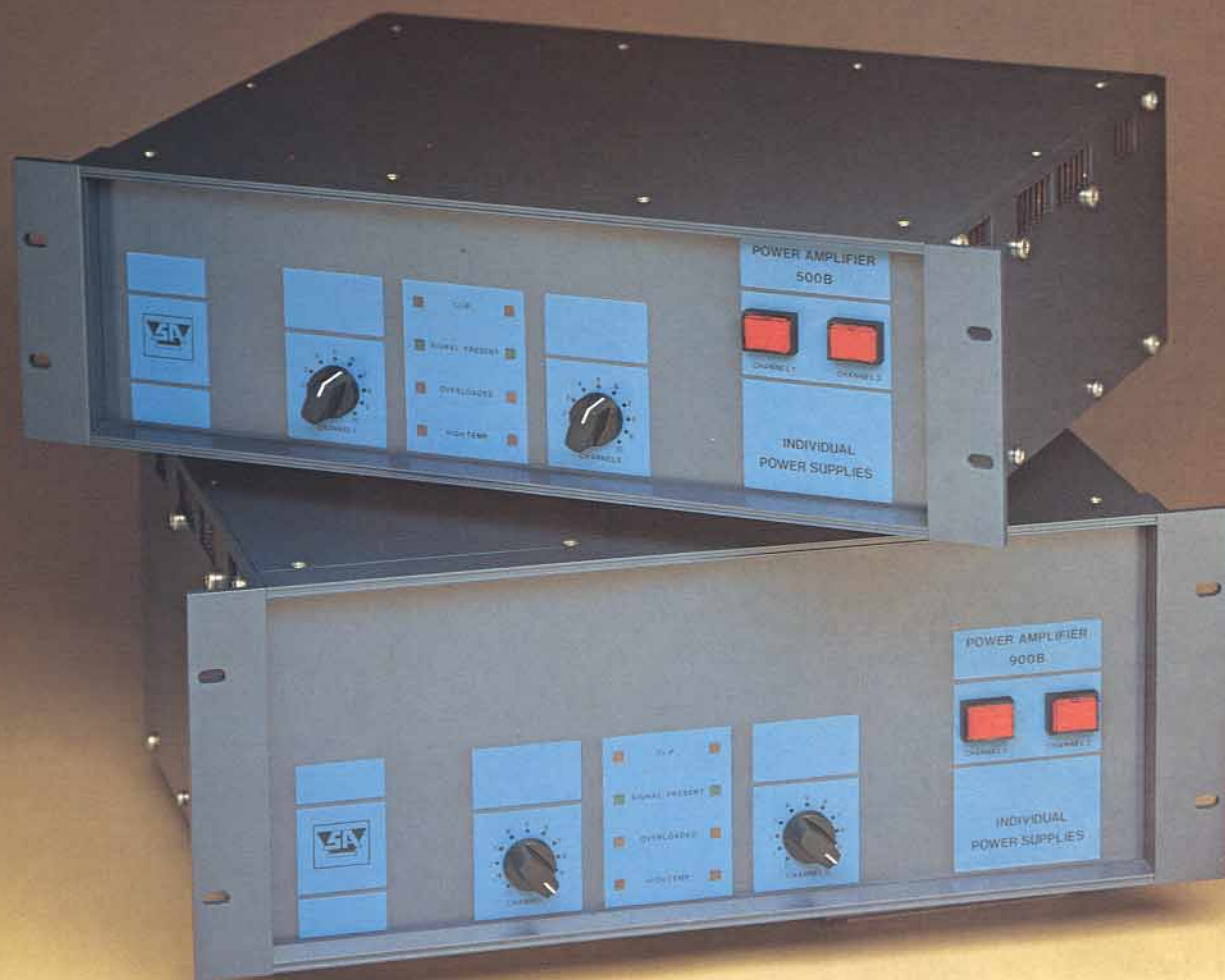


SA 900B & SA 500B



- SA 900B: 2 x 425W in 4 Ω
SA 500B: 2 x 225W in 4 Ω
- STUDIO QUALITY
extreme low distortion
- HIGH SLEW-RATE
excellent transient response
- INDIVIDUAL POWER SUPPLIES
very good channel separation
- SYMMETRIC INPUTS
electronic balanced/unbalanced
- MODULAIR CONSTRUCTION
fast servicing possible
- ROAD-PROOF
very solid construction
- ROADY-PROOF
5-times protected



stage accompany

The SA 900 and SA 500 "B" -series are the improved versions of the successful SA 900A and the SA 500A amplifiers and have individual power supplies for each channel. They combine the same excellent solidity and reliability with an even better performance and protection.

SA Amplifiers: better by design

The use of top-quality components only and ultra fast full complementary output devices together with very carefully designed circuitry guarantees a superb performance and an outstanding electronic stability.

The application of individual power supplies eliminates crosstalk almost completely and provides the possibility for ideal wiring to further decrease harmonic distortion.

Electronic balanced inputs can be switched in/out to suppress interference and other nasty noises. Long-life plastic conductive potentiometers are used as input level controls and to prevent earth-loops an earth lift switch is also provided.

The opto-coupler operated protection works very efficiently against switching peaks, heavy overload and short circuit on output whilst temperature sensors protect the amplifier against overheating. A led-indication shows the various situations as clipping, signal present, overload and overheating.

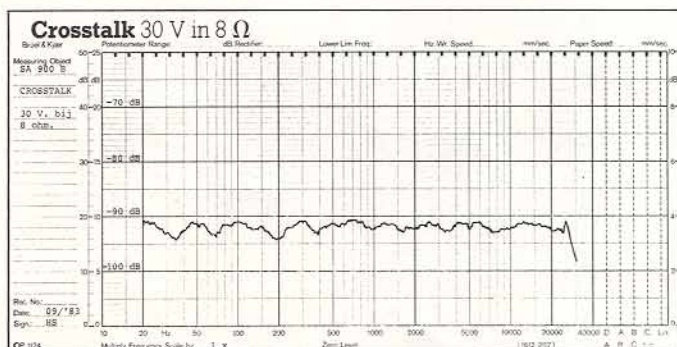
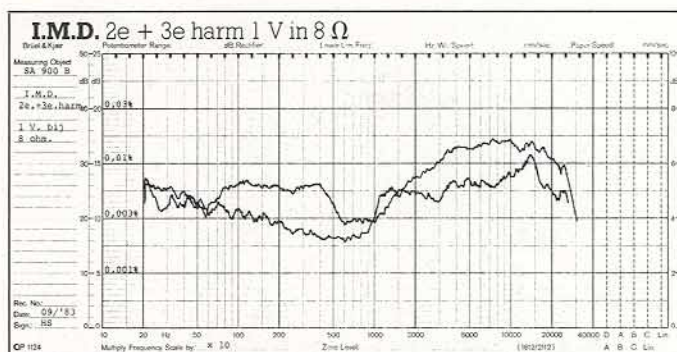
The power- and driver-transistors are mounted on two heatsinks with "Sil-Pads" for superior long life heat-transmission.

A 2-speed temperature operated ultra low noise fan is build in for optimal cooling. With specially designed aluminium profiles the amplifier is very solid and really capable of handling heavy road conditions.

Specifications:

Output power:	SA 900B: 2 x 280W in 8 Ω 2 x 425W in 4 Ω SA 500B: 2 x 135W in 8 Ω 2 x 225W in 4 Ω
Frequency range:	10 Hz - 20 kHz, ± 1 dB
T.H.D.:	better than 0,08%, 30V in 8 Ω 20 Hz - 20kHz
I.M.D.:	see graphs
Difference frequency:	see graphs
Crosstalk:	see graph
Input impedance:	15 k Ω
Input sensitivity:	1,55V for max. output
Damping:	better than 230:1, 1kHz in 8 Ω
Slew-rate:	better than 60V/ μ sec.
Protection against:	switching peaks, heavy overload, short circuit, D.C. on output and overheating
Inputs:	plastic conductive pot-meters
Cooling:	2-speed temperature operated low noise fan
Power supplies:	SA 900B: 2 x 500VA SA 500B: 2 x 300VA toroidal transformers
Housing:	19" rackmounting, 13" deep SA 900 B: 4 HU high SA 500 B: 3 HU high

Stage Accompany reserves the right to change specifications without notice. As a result of constant research, SA products may differ from published description but will always equal or exceed the specifications stated above.



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