

SERENIX PROFESSIONAL AUDIO

SR-A Series

Class-D mixer amplifiers — 250 W to 500 W with six mic inputs and five-zone output.

Class-D mixer amplifiers rated from 250 W to 500 W, with six microphone inputs and an aux line input. Individual gain controls cover line, aux and mic, with bass and treble tone control. Outputs serve 70 V, 100 V and 4–16 ohm loudspeakers across five zones with individual volume control, and a built-in MP3 player adds Bluetooth, FM, USB and SD playback.

250–500 W RATED OUTPUT	6 MIC INPUTS	5 OUTPUT ZONES	70 / 100 V AND 4–16 Ω	BT / FM / USB MEDIA
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FEATURES

- 01

Six microphone inputs

Individual gain controls for line, aux and mic sources with bass and treble tone control.
- 02

Five-zone output

Each zone has its own volume control, with echo, delay and repeat available across all zones.
- 03

Built-in media player

MP3 playback with Bluetooth, FM and remote control, plus USB and SD card support.
- 04

Protected and cooled

Short-circuit, overload and high-temperature protection with an auto-start variable-speed fan.

SPECIFICATIONS

	A250B(B)	A350B(B)	A450B(B)	A500B(B)
Rated power output	250 W	350 W	450 W	500 W
Speaker output	70 V, 100 V and 4–16 Ω			
Mic input	–55 dB / 600 Ω, unbalanced phone jack			
Aux input	–14 dB / 10 kΩ, unbalanced RCA			
Tone control	Bass ±10 dB at 100 Hz; treble ±10 dB at 10 kHz			
Frequency response	40 Hz–18 kHz (+1 / –3 dB)			
S / N ratio	Mic 1–3: 70 dB; Aux 1–2: 85 dB			
THD	<0.05 % at 1 kHz, 1/3 rated power			
Mute function	Mic 1 priority over Mic 2–4 and Aux 1–2			
Media support	USB drive up to 16 GB			
Connections	3-pin XLR balanced for external microphones			
Channel crosstalk attenuation	50 dB			
Protection	High temperature, overload, short circuit			
Power supply	110 V / 60 Hz or 230 V / 50 Hz			
Dimensions	480 × 270 × 88 mm			

All figures are nominal, per manufacturer data.

POWER OUTPUT



Rated output per model.

HIGHLIGHTS

- Five zones with individual volume control
- Echo, delay and repeat on all-zone output
- Side heat vents with auto-start variable-speed fan
- Bluetooth, FM and remote control on board

APPLICATIONS

- Schools
- Offices
- Retail
- Houses of worship
- Background music
- Paging