

SERENIX PROFESSIONAL AUDIO

SR-4000D Series

Four-channel Class-D amplifiers — 120 W to 500 W per channel, 100 V, 70 V and 8 ohms.

Four-channel switching-technology Class-D amplifiers with efficiency up to 85 % in a single rack unit. Each channel offers 100 V, 70 V and 8-ohm outputs, a balanced phoenix line input with gain control, a DIP-switchable high-pass filter and independent auto-standby. Visual indicators for protection, clip, input and output make supervision straightforward.

4 × 120–500 W RATED OUTPUT	85 % EFFICIENCY	1RU RACK HEIGHT	100 / 70 V AND 8 Ω	>105 dB S / N
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FEATURES

- 01

Four independent zones

Each channel has its own line input, filter, standby setting and speaker output.
- 02

Line or low impedance

100 V and 70 V outputs alongside 8 Ω, selected by switch.
- 03

Per-channel supervision

Protection, output, input and clip indicators for all four channels.
- 04

Auto standby

Channels drop to standby after one minute without signal and wake instantly on input.

SPECIFICATIONS

	4120D	4240D	4350D	4500D
Rated power output	4 × 120 W	4 × 240 W	4 × 350 W	4 × 500 W
Speaker output	8 Ω, 100 V and 70 V			
Frequency response	L/H cut off: 20 Hz–20 kHz (+1 / –2 dB)			
Frequency response (filtered)	L/H cut on: 70 Hz–10 kHz (+1 / –3 dB)			
Input	0.775 V, 0 dBu, balanced phoenix, four channels			
Input impedance	10 kΩ			
Sensitivity	1.25 Vrms			
THD	<0.1 % (1 kHz / –3 dBv, 100 W)			
S / N ratio	>105 dB			
Crosstalk	>60 dB, 1 kHz, max output			
Power consumption	600 W	1000 W	1750 W	2500 W
Power supply	Wide AC input 110 V / 230 V, 50–60 Hz			
Dimensions (W × D × H)	482 × 420 × 44 mm			
Weight	6.5 kg	6.8 kg	7.0 kg	7.5 kg

All figures are nominal, per manufacturer data.

POWER OUTPUT



Rated output per channel, four channels.

HIGHLIGHTS

- DIP-switchable high-pass filter per channel
- 100 V / 70 V output selector switch
- Ground-lift switch and auto-switching AC inlet
- Protection at over 55°C internal temperature

APPLICATIONS

- Multi-zone PA
- Schools
- Hotels
- Retail chains
- Transport hubs