

SERENIX PROFESSIONAL AUDIO

SR-8400-AMP

Eight-channel Class-D amplifier — 8 × 350 W in a single rack unit.

An eight-channel Class-D amplifier built on switching power technology: no output transformer, less heat and a longer service life, with efficiency above 85 %. A PWM power circuit supports natural cooling backed by four fans, and all eight channels fit a 19-inch, 1U chassis with Speakon outputs and balanced jack inputs.

8 × 350 W	8 × 500 W	8 × 750 W	>85 %	1U
8 Ω	4 Ω	2 Ω	EFFICIENCY	RACK HEIGHT



FEATURES

- 01

Eight channels, 1U

Eight independent Class-D channels in a 19-inch single rack unit.
- 02

Low-impedance capable

Rated output down to 2 Ω for demanding distributed low-impedance loads.
- 03

PWM cooling design

A special PWM power circuit works with four fans to hold internal temperature down.
- 04

Full protection set

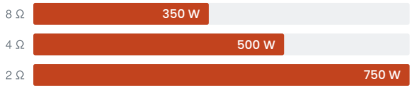
Clip, high temperature, overload and short-circuit protection with visual indicators.

SPECIFICATIONS

Technology	Class-D
RMS power @ 8 Ω stereo	8 × 350 W
RMS power @ 4 Ω stereo	8 × 500 W
RMS power @ 2 Ω stereo	8 × 750 W
Max output	57 V
Input sensitivity / max level	1 V / 26 dBu
Gain	34 dB
THD	<0.5 %
Crosstalk	>75 dB
Frequency response	20 Hz–20 kHz
Input impedance	10 kΩ
Damping parameter	>1000 (8 Ω, 20–200 Hz)
S / N ratio	>105 dB (20 Hz–20 kHz)
Power consumption	550 VA (1/8 max @ 4 Ω); 1100 VA (1/4 max @ 4 Ω)
Connectors	Combo female input, XLR female link, Speakon outputs
Efficiency	>85 %
Power supply	AC 220–240 V or 115 V, 50–60 Hz
Dimensions (W × D × H)	484 × 430 × 44 mm
Weight	10.9 kg

All figures are nominal, per manufacturer data.

POWER OUTPUT



RMS per channel, stereo mode.

HIGHLIGHTS

- Four cooling fans with PWM power circuit
- Output level, bridge, power, protection and clip metering
- Speakon loudspeaker outputs
- Efficiency above 85 %

APPLICATIONS

- Clubs
- Bars
- Restaurants
- Houses of worship
- Multi-zone systems