

SERENIX PROFESSIONAL AUDIO

SR-O4800D

Four-channel power amplifier — 800W per channel at 8Ω, modular design, full protection circuitry.

SR-O4800D is a compact 1U, four-channel power amplifier built for reliability under sustained load. Each of its four channels is fully modular, operating independently with no cross-channel interference, and delivers 800W into 8Ω, 1500W into 4Ω, or 1800W into 2Ω per channel.

A switch-mode power supply, intelligent limiter and full protection circuitry guard against overload, short-circuit and thermal faults, while selected high-frequency capacitors and an imported variable-speed fan keep the amplifier cool and quiet across long production runs.



4 CH	800W×4	1500W×4	>105dB	1U
CHANNELS	@ 8Ω PER CH	@ 4Ω PER CH	SNR	RACK HEIGHT

FEATURES

- 01

Modular Channel Design

Each of the four channels operates fully independently, with no interference between channels.
- 02

1U High-Density Chassis

Small dimension, light weight and high output power in a single rack space.
- 03

Full Protection Circuitry

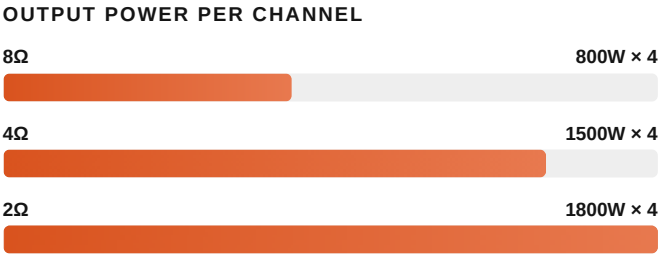
Switch-mode power supply with intelligent limiter and comprehensive fault protection.
- 04

Variable-Speed Cooling

Selected high-frequency capacitors and an imported variable-speed fan for sustained reliability.

SPECIFICATIONS

Number of Channels	4
Output Power @ 8Ω	800W × 4 (THD=1%)
Output Power @ 4Ω	1500W × 4 (THD=1%)
Output Power @ 2Ω	1800W × 4 (THD=1%)
Frequency Response (@8Ω)	20Hz–20kHz, ±0.3dB
Slew Rate	50V/μs
THD+N	<0.1%
IMD-SMPTE	<0.1%
SNR	>105dB
Crosstalk	>75dB
Damping Factor	>800 (8Ω, 20Hz–200Hz)
Sensitivity	1V
Input Impedance	20k (Balanced), 10k (Unbalanced)
Voltage Gain	38dB
Efficiency	>85%
Cooling	Forced air, front-to-rear airflow
Height	1U
Product Dimensions	483 × 430 × 44mm (W×D×H)
Packing Dimensions	530 × 530 × 100mm (W×D×H)
Net Weight	10.5 kg
Gross Weight	12.1 kg



- APPLICATIONS
- Live Sound Reinforcement
- Houses of Worship
- Conference & Multipurpose Halls
- Touring & Rental
- Nightclubs & Entertainment