

X2.35

Professional Power Amplifier

VAL audio

Die Liebe zur Musik



When you require an amplifier that seamlessly combines immense power, rich tonal warmth, and unparalleled versatility, the VAL Audio X Series stands unrivaled.

Designed to excel in both touring and fixed installations, the X2.35 embodies the pinnacle of the X Series' legacy of performance and reliability, encased in a sleek, modern 2U chassis.

The X2.35 is a groundbreaking two-channel Class D amplifier, enhanced by a rugged high-current Toroidal power supply. This innovative combination merges the efficiency of modern Class D architecture with the sonic purity and powerful dynamics traditionally associated with toroidal PSU designs. Delivering 2 x 2000W at 8Ω and 2 x 3500W at 4Ω, the X2.35 is meticulously crafted to drive high-power subwoofers with ease. Its exceptional damping factor (≥ 1000) ensures precise loudspeaker control, resulting in tight, articulate bass and pristine sound reproduction.

With advanced thermal management, high-speed temperature-regulated fans, and full-spectrum protection circuitry, the X2.35 offers reliable operation even under extreme demands. It features premium XLR inputs with link functionality and versatile speakon outputs, ensuring compatibility across a range of professional audio setups.

Now with support for both low-impedance and high-impedance 70V/100V distributed audio systems, the X2.35 offers unmatched flexibility for a wide range of applications.

Whether for live shows, worship spaces, or permanent installs, the VAL Audio X2.35 sets a new standard in amplifier performance.

KEY FEATURES

- **Sleek and modern 2U design with a professional aesthetic**
- **Optimized for both touring and fixed installations**
- **Exceptional power output ideal for driving high-power subwoofers**
- **Advanced Class D topology with high-current Toroidal power supply**
- **Compatible with low-impedance (4 Ω/8Ω) and 70V/100V high-impedance systems**
- **Multiple input sensitivity settings: 29dB / 32dB / 35dB / 38dB**
- **High Damping Factor ≥ 1000 , enabling tight bass and detailed sound reproduction**
- **Advanced Cooling System with temperature-controlled high-speed fans**
- **Comprehensive protection circuitry for safe, long-term operation**
- **Premium connectivity: XLR inputs with link feature and professional speakon outputs**

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APPLICATIONS

- **Live Performances & Touring:** Provides powerful, reliable sound for concerts, stage performances, and events.
- **Houses of Worship:** Delivers clear and consistent audio for sermons, music, and large congregations.
- **Theaters & Auditoriums:** Ensures high-fidelity sound for dramatic performances, presentations, and speeches.
- **Nightclubs & Entertainment Venues:** Offers robust audio output for vibrant, dynamic soundscapes.
- **Corporate Events & Conferencing:** Facilitates high-quality audio for presentations, meetings, and conferences.
- **Fixed Installations:** Ideal for schools, lecture halls, stadiums, and other permanent setups requiring professional-grade audio amplification.

SPECIFICATION

MODEL	X2.35
Power (*EIA Standard)	
8Ω Output	2 x 2000W
4Ω Output	2 x 3500W
Bridged 8Ω Output	6000W
70V/100V Output	2 x 800W
Output Circuit	Class D
Frequency Response (±1dB)	10Hz - 30kHz
Input Sensitivity	29dB/32dB/35dB/38dB
Input Impedance	Balanced 20KΩ Unbalanced 10KΩ
Crosstalk (rated power 8Ω 1kHz)	≥65dB
Signal to Noise Ratio	≥101dB
Damping Factor	≥1000
Total Harmonic Distortion (8Ω 1/10 Po)	<0.1%
Rack space	2U
Cooling System	Temperature controlled high speed fans
Protection	Comprehensive protection circuitry - Soft-Start, Short-Circuit, Over and Under-Voltage, Over-Current, Over-Load, DC Output, Temperature
Net Weight (Kg)	20.35
Size (mm)	485 x 375 x 88