# X2.25

## Professional Power Amplifier

VAL audio

Die Liebe zur Musik




## OVERVIEW

When you need an amplifier that combines exceptional power, warm tonal quality, and unmatched versatility, the VAL Audio X Series is the definitive choice. Designed for both touring and fixed installations, the X2.25 represents the pinnacle of the X Series' legendary performance and reliability, now housed in a sleek, modern 2U chassis.

The X2.25 is a powerhouse two-channel amplifier using modern Class D technology paired with a robust, high-current Toroidal power supply. With an impressive output of 2 x 1500W at 8Ω and 2 x 2500W at 4Ω, the X2.25 is built to handle the most demanding audio environments with ease. Its high damping factor of ≥1200 ensures precise control over loudspeakers, delivering tight, accurate bass and superior sound clarity.

Engineered for reliability, the amplifier is equipped with an advanced cooling system utilizing high-speed, temperature-controlled fans, ensuring consistent performance and efficient heat dissipation even during prolonged use. For seamless integration, the X2.25 features premium XLR inputs with stereo/parallel option, along with versatile speakon outputs for effortless connectivity.

Whether it's for live events, houses of worship, or permanent installations, the VAL Audio X2.25 is the no-compromise solution that delivers class-leading performance and sound quality. Trust the X Series for innovation, durability, and audio excellence.

## KEY FEATURES

- **2 channel power amplifier in a modern 2U compact design**
- **Designed for both touring and fixed Installations**
- **Warm and Sweet-sounding amplifier**
- **Highly efficient Class D Technology**
- **Robust and strong Toroidal transformer**
- **High damping factor ≥1200**
- **Selectable input sensitivity - 32dB / 1.0V / 0.775V**
- **Advanced cooling system with four high speed temperature-controlled fans**
- **Professional XLR inputs with stereo/parallel operation, speakon output connectors**

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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.
- **Theatres & 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 | X2.25 |
|---|---|
| **Power** (*EIA Standard) | |
| **8Ω Output** | 2 x 1500W |
| **4Ω Output** | 2 x 2500W |
| **Bridged 8Ω Output** | 4000W |
| **Output Circuit** | Class D |
| **Frequency Response** (±1dB) | 20Hz – 20kHz |
| **Input Sensitivity** | 32dB / 1.0V / 0.775V |
| **Input Impedance** | Balanced 20KΩ Unbalanced 10KΩ |
| **Crosstalk** (rated power 8Ω 1kHz) | ≥65dB |
| **Signal to Noise Ratio** | ≥101dB |
| **Damping Factor** | 40dB |
| **Total Harmonic Distortion** (8Ω 1/10 Po) | ≥1200 |
| **Voltage Gain** | <0.1% |
| **Rack space** | 2U |
| **Cooling System** | 2 nos temperature controlled high speed fans |
| **Protection** | Comprehensive protection circuitry – Soft-Start, Soft-limiter, Short-Circuit, Over and Under-Voltage,Over-Current, Over-Load, DC Output, Over Temperature |
| **Net Weight** (Kg) | 23.75 Kg |
| **Size (mm)** | 480 x 417 x 105mm |