

# X2.22

## Professional Power Amplifier

VAL audio

Die Liebe zur Musik



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 X2.22 represents the pinnacle of the X Series' legendary performance and reliability, now housed in a sleek, modern 2U chassis.

The X2.22 is a two-channel Class H power amplifier, featuring a rugged high-current Toroidal power supply. With an impressive output of 2 x 1400W at 8Ω and 2 x 2200W at 4Ω, the X2.22 is built to handle the most demanding audio environments with ease. Its high damping factor of  $\geq 800$  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 X2.22 features premium XLR inputs with a link option, along with versatile speakon and binding post outputs for effortless connectivity.

Whether it's for live events, houses of worship, or permanent installations, the VAL Audio X2.22 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**
- **Highly efficient Class H Technology**
- **Warm and Sweet sounding amplifier**
- **Robust and strong Toroidal transformer**
- **High damping factor  $\geq 800$**
- **Selectable input sensitivity - 0.775V/1.0V/1.44V**
- **Advanced cooling system with four high speed temperature controlled fans**
- **Professional XLR inputs with link connectors, speakon & binding post 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.
- **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	X2.22
Power (*EIA Standard)	
8Ω Output	2 x 1400W
4Ω Output	2 x 2200W
2Ω Output	2 x 3000W
Bridged 8Ω Output	4000W
Output Circuit	Class H
Frequency Response (±1dB)	10Hz – 30kHz
Input Sensitivity	0.775V / 1.0V / 1.44V
Input Impedance	Balanced 20KΩ Unbalanced 10KΩ
Crosstalk (rated power 8Ω 1kHz)	≥65dB
Signal to Noise Ratio	≥101dB
Damping Factor	≥800
Total Harmonic Distortion (8Ω 1/10 Po)	<0.1%
Rack space	2U
Cooling System	4 nos 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
Size (mm)	481 x 427 x 99