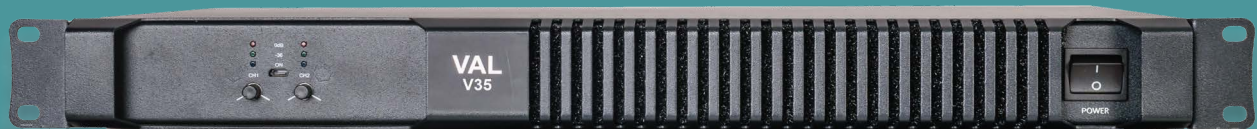


V35

Professional Power Amplifier

VAL audio

Die Liebe zur Musik



The VAL audio V35 of amplifiers represents a new age of Digital amplification. These class D Digital amplifiers designed for both Touring and fixed install applications feature the latest Digital Technology for amplifiers. Featuring highly efficient class D circuitry these 1U and light weight amplifiers weighing just 3.6kg (net) offer very high poer output. The V35 is 2 x 3500W at 4 ohms, EIA continuous outputs and not burst ratings. In-spite of these high power outputs and the 1U design the V35 runs extremely cool. This is due to our unique design and electric energy efficiency of > 85%. This can only be accomplished when only no compromise and best quality components are used.

The VAL audio V35 of amplifiers only comsume 20W of power at idle, again a testimony to our design and quality. Our amplifiers feature comprehensive protection circuitry soft start, high frequency, DC, short circuit, overload, clip/limit and over heat protection. The V35 is designed as per the highest standards and will offer you many years of trouble free operation.

KEY FEATURES

- **Designed for both Touring and Fixed Installations**
- **Highly efficient Class D Technology**
- **Unique 1U extremely compact design**
- **High current SMPS power supply with active PFC correction**
- **Extreme light weight just 3.6kg**
- **Very High Power output - 5000W EIA combined output**
- **High damping factor >1000**
- **Low idle power consumption, only 20W**
- **Only highest quality components used**
- **XLR inputs and speakon output connectors**

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SPECIFICATIONS

MODEL	V35
Power (EIA Standard)	
8Ω Stereo	2 x 1850W
4Ω Stereo	2 x 3500W
2Ω Stereo	NA
Output Voltage (Vp)	180V
Output Current (IP)	60A
Input Sensitivity	1.55V / 0.775V
Limit Impedance (DCR min)	3.2Ω
Total Harmonic Distortion (8Ω / 100W / 100Hz)	<0.03%
Frequency Response (8Ω / 100W / +-0.5dB)	10Hz - 22kHz
Signal to Noise Ratio (8Ω / 100Hz / A - Weighting)	105dB
Damping Factor (8Ω / 300W / 100Hz)	>1000
Controlled Slew Ratio (8Ω / 300W / 100Hz)	>100V/us
Electric Energy Efficiency (8Ω / 300W / 100Hz)	>85%
Idle Power (230V)	20W
Power Factor (1000W / 230V / 50Hz)	>0.85
Frequency Modulation	350kHz
Net Weight (Kg)	3.6
Size (mm)	482 x 225 x 45