

World Series Professional Power Amplifier



The Stewart Audio World 1.2 Professional Power Amplifier is designed specifically for the unique requirements of high quality commercial, industrial and Pro Audio sound installations. The World 1.2 produces sound which is smooth and uncolored, while offering a full detailed low end response with lots of horsepower. The high-frequency switch mode power supply and Class H amplifier design adapt to the demands placed upon them, enabling the amplifier to run with maximum efficiency regardless of the load impedance. With incredible efficiency, up to 5 World 1.2's can typically run on one standard 20 amp circuit. Weighing in at just 11 lbs and occupying one standard rack space, the World 1.2 balances power and sonic performance in a compact package.

World 1.2

350W x 2 @ 4 Ohms

200W x 2 @ 8 Ohms

1000W x 1 @ 4 Ohms bridged

700W x 1 @ 8 Ohms bridged

Features:

- Two channel amplifier optimized to drive 4 Ohm and 8 Ohm loads.
- Convection cooled (No fans)
- Clean full-range dynamic power
- Lightweight single rack package
- Bridgeable
- Ultra efficient switch mode power supply
- 3 Years parts and labor warranty
- Made in the USA

Applications:

- Sound reinforcement
- Pre/post productions
- Music and paging systems
- High quality distributed sound systems
- Fixed installations
- Instrument rigs
- Amplifier located in listening environment
- UL Certification

STEWART AUDIO
The Difference is Hear



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Specifications

Output Power -----	■ 350W x 2 @ 4 Ohms
-----	■ 200W x 2 @ 8 Ohms
-----	■ 1000W x 1 @ 4 Ohms bridged
-----	■ 700W x 1 @ 8 Ohms bridged
Frequency Response (+0, -0.5 dB, 1W) -----	■ 20 Hz—20 kHz
Signal to Noise Ratio (SNR) -----	■ >100dB
THD+N -----	■ <0.1%
Damping Factor -----	■ >500
Slew Rate -----	■ 30V/microsecond
Input Sensitivity -----	■ 1V (0 dBV)
Standard Voltage Gain -----	■ 40X (32dB)
Input impedance (Balanced / Unbalanced) -----	■ 20k Ohms/10k Ohms
Idle Current Draw SW On & 1/8 power draw -----	■ .32/3 Amps
Class -----	■ H
Input Connectors -----	■ Rear Panel 3 pin XLR, 1/4 Phone, Barrier Strip
Output Connectors -----	■ Rear Panel 6 Gauge, 5-Way Binding Post, & 1/4" TS
Power Supply -----	■ High Speed Switching
Cooling -----	■ Convection—Cooling (No Fans)
Controls -----	■ Power on/off, Channel Gain
LED Indicators -----	■ Power, Signal present & Clip
Construction -----	■ Steel & Aluminum Chassis
Dimensions (height, width, depth) -----	■ 1.75" x 19" x 15.3"
Weight -----	■ 11 lbs (5 kg)
Warranty -----	■ 3 years

Architects & Engineering Specifications

The power amplifier shall consist of 2 channels. Model World 1.2 shall deliver a minimum of 200W at 8 Ohms, both channels driven, 20 Hz—20 kHz, < .1% THD. The amplifier shall be convection cooled with no fan required. Amplifiers using fan cooling will not be accepted. The amplifier shall have circuitry to protect itself and the speaker loads from output short circuits, DC voltage on the outputs, and thermal overload. The amplifier shall have a voltage gain of 40X (32dB) and an input Sensitivity of 1V for rated power at 4 Ohms output. The hum and noise level shall be greater than 100 dB below rated output "A" weighted. The amplifier shall have a class H output stage and a high-speed Switch Mode Power Supply.

Non Switch Mode Power Supplies will not be accepted. The frequency response shall be greater than 15 Hz to 45 kHz +0, 3 dB at rated power. The amplifier shall operate on 120VAC. The front panel shall contain, for each channel, a knob adjusted, detented level control, LED indicators for -20 dB signal present, Clip, and Power. The power switch shall be a power supply enable switch. The Rear panel shall contain a captive AC line cord. The rear panel input terminals shall be both 3 pin XLR, 1/4" Phone and Barrier Strip. The amplifier dimensions shall be 19" (48.3 cm) wide, 1.75" (4.6 cm) high, and 15.3" (38.9) deep. The World 1.2 shall weigh 11 lbs (5 kg). The amplifier shall be designated the Stewart Audio Model World 1.2.