

Specifications

Topology:

Fully discrete, dual differential, high current, short signal path Class A/B.

Number of Channels:

1.

Power Output (rated power; THD < .1%):

600 watts into 8 Ohms.

1000 watts into 4 Ohms.

Rated Power Bandwidth (at rated power; 8 Ohm load):

20 Hz to 20 kHz + / - 0.07 dB.

Minimum Recommended Load Impedance:

4 Ohms (which equals one 4 Ohm load or two paralleled 8 Ohm loads).

Frequency Response:

10 Hz to 80 kHz (+ 0 / - 1 dB).

THD + noise:

< 0.01%.

Signal to Noise Ratio (8 Ohm load):

> 89 dB at 1 watt (A-weighted).

> 117 dB at rated power (A-weighted).

Damping Factor (8 Ohm load):

> 500.

Speaker Output Connections:

Audiophile grade, gold plated, 5-way binding posts.

Power Supply:

120,000 uF of storage capacitance.

1200 VA heavy duty toroidal transformer.

Input Sensitivity (for rated power; 8 Ohm load):

2.4 V.

Gain:

29 dB.

Input Connections:

Unbalanced (RCA); balanced (XLR); one each.

Input Impedance:

33 kohms (balanced).

23.5 kohms (unbalanced).

Trigger:

Trigger Input: 5 - 20 V (AC or DC); <10 mA input current required.

Trigger Output: 12 VDC; can drive any load up to 100 mA.

Power Requirements:

115 VAC or 230 VAC +/- 10% @ 50 / 60 Hz (automatically detected and switched).

Front Panel Controls and Indicators:

Standby; push button (halo ring changes color to indicate Standby or On).

Status LED; one; blue.

Meter LEDs (LED bargraph power meters); blue; configurable for left-oriented or right oriented.

Status and Meter LEDs change to red to indicate a fault condition.

Rear Panel Controls:

AC Power switch; rocker switch (switches AC main power).

Status LEDs switch; disables front panel Status LED and dims Standby button halo.

Meter LEDs switch; disables front panel LED meter.

Input selector switch; metal toggle switch; selects between balanced and unbalanced inputs.

Protection:

The XPA-1 is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions.

Dimensions:

17" wide x 7.75" high x 19" deep; unboxed (includes feet and binding posts).
23-1/2" wide x 12" high x 24-3/4" deep (boxed).

Weight:

73 pounds unboxed (84 pounds boxed).