Specifications

Note: The following specifications apply to all four models
(BASX A-150, BASX A-300, BASX A-500, BASX A-700) unless otherwise noted.

Power Output

Power Output Per Channel; two channels driven.

BASX A-150: 75 watts RMS / channel; 20 Hz - 20 kHz; THD < 0.1%; into 8 Ohms
BASX A-300: 150 watts RMS / channel; 20 Hz - 20 kHz; THD < 0.1%; into 8 Ohms
BASX A-500: 110 watts RMS / channel; 20 Hz - 20 kHz; THD < 0.1%; into 8 Ohms
BASX A-700: 110 watts RMS / channel; 20 Hz - 20 kHz; THD < 0.1%; into 8 Ohms

Power Bandwidth (at rated power; 8 Ohm load)

20 Hz to 20 kHz (+ / - 0.07 dB).

Broad Band Frequency Response

5 Hz to 80 kHz (+ 0 / - 1.8 dB).

THD + noise

< 0.02% (A-weighted); at rated power; 1 kHz; 8 Ohms

Signal to Noise Ratio (8 Ohm load)

> 120 dB; ref rated power (A-weighted).
> 100 dB; ref 1 watt (A-weighted).

Minimum Recommended Load Impedance

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

Damping Factor (8 Ohm load)

> 500.

Speaker Output Connections

Audiophile grade 5-way binding posts.

Power Supply

Linear power supply with heavy duty toroidal transformer.

Input Sensitivity (for rated power; 8 Ohm load)

1.2 V.

Gain

29 dB.

Input Connections

Unbalanced (RCA); one each per channel.

Input Impedance

27 kOhms.

Trigger

Trigger Input: 5 - 12 V (AC or DC); <10 mA input current required.
Trigger Output: 12 VDC; can drive any load up to 120 mA.

Power Requirements

115 VAC or 230 VAC @ 50 / 60 Hz (automatically detected).

Front Panel Controls and Indicators

Standby; push button (halo ring changes color to indicate Standby or On).
Status LEDs; one per channel; blue.
Status 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 LEDs.

Protection

The BASX power amplifier is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions.

Dimensions:

BASX A-150:
17" wide x 3-1/8" high x 13-1/2" deep (unboxed; including feet).
17" wide x 2-1/2" high x 13-1/2" deep (unboxed; without feet).
21-1/2" wide 7" high x 21-1/4" deep (boxed).

BASX A-300, BASX A-500, BASX A-700:
17" wide x 4" high x 16" deep (unboxed; including feet).
17" wide x 3-1/2" high x 16" deep (unboxed; without feet).
21-1/2" wide 8" high x 21-1/4" deep (boxed).

Weight

BASX A-150:   15.5 lbs (unboxed)
BASX A-300:   25.2 lbs (unboxed)
BASX A-500:   24.25 lbs (unboxed)
BASX A-700:   29.4 lbs (unboxed)

* For boxed weight, add 6.4 lbs to the above weights