



## BASX A-500 five channel Power Amplifier

The BasX A-500 is a five channel power amplifier, combining classical audiophile amplifier architecture - based on a heavy-duty linear power supply, and a carefully designed high-current, short signal path, Class A/B output stage - with advanced, microprocessor-controlled monitoring and protection circuitry, to deliver superb sound quality at a truly reasonable price.

The BasX A-500 is built to last, with a heavy-duty steel chassis, solid milled aluminium faceplate, and high-quality parts and construction. The speaker outputs are heavy-duty five-way insulated binding posts that work equally well with bare wire, banana plugs, or spade lugs. Combine the BasX A-500 with the Bas-X MC700 processor at heart of a great home theatre system; use it to upgrade the amplifier section of your AVR, or to run the surround speakers in a big home theatre system; you won't be disappointed.

## Features

- 110 watts per channel @ 8 ohms (190 watts per channel @ 4 ohms) two channels driven
- 80 watts RMS per channel; 20 Hz - 20 kHz; THD < 0.1%; into 8 ohms all channels driven
- Great sounding Class A/B output stage
- Wide band with low noise design
- heavy-duty linear power supply
- Heavy steel 2RU chassis with milled aluminium face
- heavy-duty insulated five-way speaker binding posts
- Remote trigger input and output
- Dimensions (W x H x D mm): 432 x 102 x 394 (not including connectors)

**THREE YEAR WARRANTY**

## Specifications

- **Power Output (two channels driven):**  
110 watts RMS per channel; 20 Hz - 20 kHz;  
THD < 0.1%; into 8 ohms  
190 watts RMS per channel; 1 kHz; THD < 1%; into 4 ohms
- **Power Output (all channels driven):**  
80 watts RMS per 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)
- **Broadband Frequency Response:** 5 Hz to 80 kHz (+/- 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 (A-weighted); ref rated power  
> 100 dB (A-weighted); ref 1 watt
- **Minimum Recommended Load Impedance:** 4 ohms (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 torodial transformer
- **Input Sensitivity (for rated power; 8 ohm load):** 1.2 V
- **Gain:** 29 dB
- **Input Connections:** Unbalanced (RCA); one per channel
- **Input Impedance:** 27 kohms (unbalanced)
- **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 colour 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 A-500 is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions
- **Dimensions (W x H x D mm):** 432 x 102 x 394 (not including connectors)
- **Weight:** 12 Kg



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