



## BasX TA-100 audiophile quality stereo integrated Amplifier/Tuner

The BasX TA-100 combines the features and capabilities of an audiophile quality stereo preamplifier, a high-performance FM tuner, and a high-quality power amplifier - all in one convenient package. The preamp section includes line level analogue inputs for a CD player or line-level source, a built-in USB DAC with plenty of digital inputs for your computer and other digital stereo sources, a high-quality phono preamp that supports both moving magnet and moving coil cartridges, and provisions for an optional high-quality AptX Bluetooth input module. The tuner offers full digital control, and 50 station presets. The fully complementary, all discrete Class A/B amplifier section delivers plenty of clean power to drive a pair of high-quality stereo speakers to satisfying listening levels; and the TA-100 includes line level outputs for a powered subwoofer, or for connecting an external power amplifier. The TA-100 can be operated via the simple front panel controls, or by the included infrared remote control. The intuitive menu system makes the TA-100 simple to configure and operate, and the big, easy to read, VFD display on the TA-100's front panel shows you exactly what's going on at all times.

## Features

- 50 watts per channel @ 8 ohms (90 watts per channel @ 4 ohms)
- Sensitive FM tuner - features 50 station presets and a Mono mode to help make even weak stations listenable
- A full complement of analogue inputs - including two line level inputs, and a high quality phono input that supports both moving coil and moving magnet cartridges
- A full complement of digital inputs - including one 24/96k USB input, 24/192 coax and optical S/PDIF inputs, and an optional Bluetooth receiver
- Audiophile quality, fully complementary, all discrete Class A/B amplifier
- Precision digital conversion - All digital inputs routed through the legendary Analog Devices AD1955 24/192 DAC
- VFD display - 3 dimmable levels
- Intelligent headphone level control
- Full function remote control
- Headphone output
- Line level main stereo outputs
- Subwoofer outputs
- heavy-duty five-way binding post speaker outputs
- Dimensions (W x H x D) mm: 423 x 67 x 317 (without 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  
210 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; 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 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-700 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 406 (including feet); 432 x 89 x 406 (without feet)
- **Weight:** 11.79 Kg



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