

# BasX TA-100 Stereo Integrated Amp / DAC / Tuner

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## Specifications

### *Analog Inputs*

- 2 pairs – stereo analog line level inputs (CD, Aux).
- 1 pair – stereo phono inputs (switchable; moving magnet or moving coil).
- 1 tuner – FM (with external antenna input; 50 station presets).

### *Digital Inputs*

- 1 – digital coax (S/PDIF); 24/192k.
- 1 – digital optical (Toslink); 24/192k.
- 1 – digital USB (DAC input); 24/96k; no drivers required.
- 1 – Bluetooth receiver (requires optional AptX Bluetooth dongle).

### *Outputs*

- 1 pair – stereo main output; stereo, unbalanced.
- 1 pair – speaker outputs; stereo, 5-way binding post.
- 2 – summed full range outputs (for connecting one or two subwoofers).
- 1 – stereo headphone output (front panel).

### *Analog Performance (line level)*

- Maximum output level: 4 VRMS.
- Frequency response: 5 Hz to 50 kHz +/- 0.04 dB.
- THD+noise: < 0.0015% (A-weighted).
- IMD: < 0.004% (SMPTE).
- S/N ratio: > 115 dB.
- Crosstalk: < 90 dB.

### *Analog Performance (speaker outputs; both channels driven)*

- 50 watts RMS per channel (20 Hz – 20 kHz; THD < 0.02%; into 8 Ohms).
- 90 watts RMS per channel (1 kHz; THD < 1%; into 4 Ohms).
- Power bandwidth: 20 Hz to 20 kHz + 0 dB / - 0.25 dB (at rated power; into 8 Ohms).
- Broadband frequency response: 20 Hz to 80 kHz + 0 dB / - 3 dB.
- THD+noise: < 0.05% (A-weighted).
- S/N ratio: > 100 dB (A-weighted; ref full power).
- S/N ratio: > 85 dB (A-weighted; ref 1 watt).

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## **Analog Performance (phono input)**

Frequency response (MM and MC): 20 Hz to 20 kHz; ref standard RIAA curve.  
THD+noise: < 0.015% (MM; A-weighted); < 0.06% (MC; A-weighted).  
S/N ratio: > 90 dB (MM); > 68 dB (MC).

## **Digital Performance**

Frequency response: 5 Hz to 20 kHz +/- 0.15 dB (44k sample rate).  
Frequency response: 5 Hz to 80 kHz +/- 0.25 dB (192k sample rate).  
THD+noise: < 0.003% (A-weighted; all sample rates).  
IMD: < 0.007% (SMPTE).  
S/N ratio: > 110 dB.

## **Trigger**

12 VDC trigger output.

## **Power Requirements**

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

## **Controls and Indicators**

Power: rocker switch; rear panel.  
Standby: one front panel push button; halo ring changes color to indicate status.  
Two front panel push-buttons: Input Select; menu operation.  
One front panel knob: Volume; Tuning; menu operation.  
Display: high visibility blue alphanumeric VFD display (dimnable).

## **Remote Control**

Compact full-function infrared remote control.

## **Menu and Control System**

Simplified, highly intuitive menu system  
(includes Setup options, Bass, Treble, and Balance controls).

## **Dimensions**

17" wide x 2 5/8" high x 12.5" deep (without connectors).  
21" long x 7" high x 17-1/2" deep (boxed).

## **Weight**

15 lbs (net)  
19.5 lbs (boxed)