

Model JD 102B

Construction Details and Features:

- Fully Integrated Stereo Amplifier: Input 900mV driving 20 watts, maximum 25 watts output.
- Multiple Inputs: CD and Aux (for Tuner, TV, DVD Player, VCR, Tape Recorder, Computer and etc). Tape Loop and Pre-Out are available on request.
- Right and Left Stereo Balance Control: $\pm 20\text{dB}$ at both right and left front panel control.
- Custom Wound Audio Transformers with a core of German grain oriented silicon steel. 15th generation proprietary design. Secondary can be configured for a 4 ohm or 8 ohm load.
- Top Panel Bias Testing Terminals with Bias Adjustment Controls.
- State of the Art Components: Gold plated RCA input jacks, gold plated five way speaker connectors.



Technical Specifications:

Maximum Power 25 W per channel at 8 ohms, 1KHz

Output:

Rated Output Power: 20 W per channel at 8 ohms, 26Hz to 50KHz

Frequency Response: (at 1 watt into 8 ohms) 7Hz to 95KHz $\pm 1\text{dB}$; 0dB at 1KHz

Bandwidth: 14Hz to 80KHz $\pm 3\text{dB}$; 0dB = 20 W 1KHz, 8 ohms

Distortion THD + N: Less than 1.5% at 15W output, 39Hz to 10KHz, 8 ohms

Circuit Type: Ultra Linear, Class AB1

Input Impedance: = or < 250Kohms

Input Sensitivity: Max. 900mV for 20 watt output at 1KHz

Output Impedance: 4 ohms and 8 ohms

Negative Feedback: Less than 7 dB

Signal & Noise Ratio 70dB below rated output from 10Hz to 200KHz.

S/N:

Tube Complement: 2 matched pairs (4) of EL84 power output; 1 pcs. 12AX7A pre-amplifier.

Power Requirements: 110V-120 VAC 60Hz 90 watts-standby, 200 watts maximum (220 VAC 50Hz option).

Dimensions: 12 inches wide by 8 inches deep by 5 inches high.

Weight: 18 pounds net, approximately 22 pounds packaged.

Warranty: One year limited parts and labor.

