



Stereo Tube Power Amplifier / Integrated Amplifier

Model A-100

Cutting Edge Tube Technology from ESOTERIC



ESOTERIC is proud to introduce a stereo tube power amplifier incorporating exceptionally high quality and "cutting edge," tube technology.

The A-100 provides 45W / ch output power from KT-88's in UL-Push / Pull operation driven with a direct coupled cathode follower. The cathode follower and voltage amplification stage is directly coupled to form a triple stage by combining a unique and active bias circuit.

The A-100 is truly an innovation leading conventional tube technologies to the "Next level!"

- **Directly-coupled triple stages**

The DC voltage control circuit ensures stable operation of the directly-coupled triple stages (voltage amplification stage, cathode follower stage, and output stage), achieving a truly involving acoustic expression from the A-100.

- **Unique active bias circuit**

The A-100 features a unique and advanced active bias circuit. This circuit compensates the bias voltage supplied to the output stage, detecting the cathode current and the driving level. High linearity and superior performance of the output stage is achieved by optimal bias voltage control from this new design.

- **Custom output transformer**

The A-100 features a newly designed custom output transformer achieving highly delicate and precise musicality. The amplifier uses specially treated dual layer foil (copper and silver), as the 2nd order coil. This design provides very tight coupling properties between the 1st order coil.



Stabilized power supplies

All stages except the KT-88 stage are powered by fully stabilized power supplies. The A-100 reproduces an exceptionally deep and finely detailed sound stage thanks to this innovative power supply design.

DC powered tube heater

All tubes except the KT-88 are DC heated. Hum noise is greatly reduced by this heater design.

Mechanical chassis construction

Power supply and output transformer are held by an extremely rigid 'H' structure and circuit components reside in a block configuration surrounding this mainframe design. The massive chassis construction keeps the unit from unwanted vibration and induced noise between circuit components.

Input selector / volume attenuator

The A-100 is designed for pure power amplification but it also works as an integrated amplifier by selection from an operating switch on the rear panel. This switch activates an input selector (RCA x3 / XLR x1), and also a very high quality volume attenuator.

Two bias modes

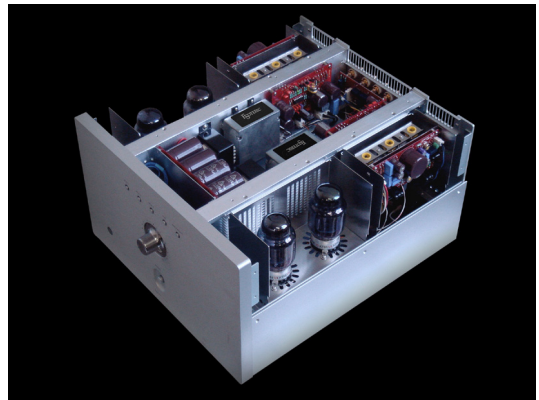
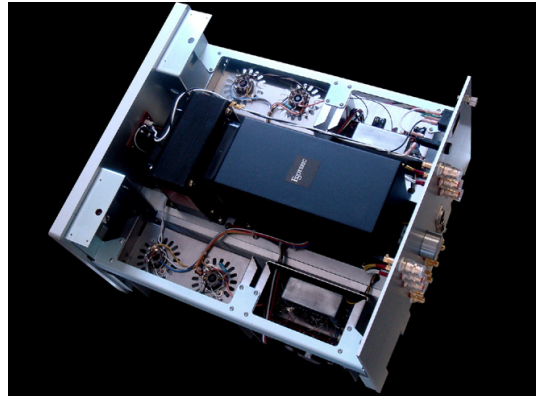
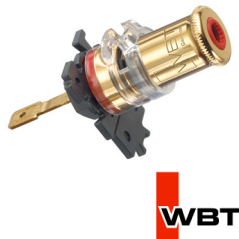
The A-100 has two bias modes (A or B), selectable from a back panel switch. B mode is for a normal setting, and A mode (slightly reduced bias voltage), is for slightly finer sound depending on other component within the system.

Remote controller

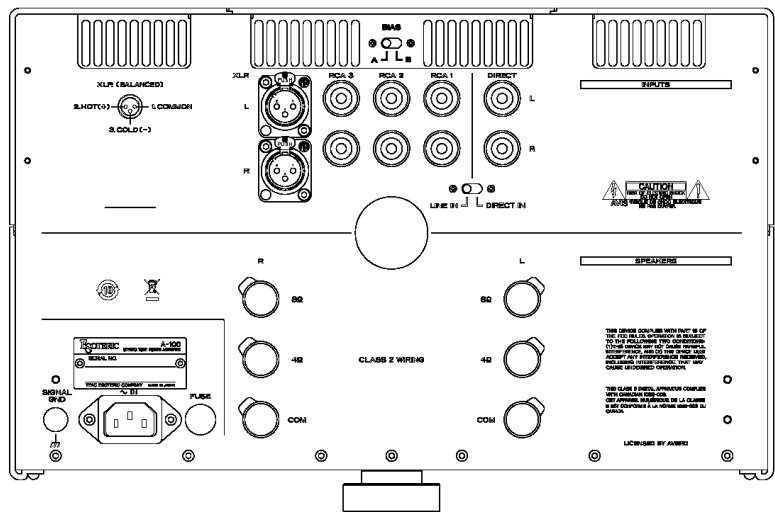
A remote control with illuminated keys for integrated amplifier operation is included.

High grade parts selection

RCA input terminals are highly reliable WBT-0201. The speaker terminals are WBT-0710Cu, the latest version of WBT terminals, incorporating pure copper conductor material for high signal purity and ultra-low terminal resistance. Signal loss is kept to a minimum with the use of these high grade audiophile connections.



Output power	45 W + 45 W (1KHz, 4 Ω / 8 Ω)
Frequency response	20~60 kHz (+1 dB, -3 dB) (1W, 4 / 8 Ω)
S/N ratio	> 98 dB (JEITA)
Input sensitivity	400 mV / 45 W
Input impedance	10 KΩ
Input terminal	RCA x 3, XLR x1
Output impedance	4 Ω / 8 Ω
Tubes	KT88 x4 / 12AU7 x4 / 12AT7 x2
Power supply	AC 230 V, 50 Hz (European model) AC 120 V, 60 Hz (U.S.A. / Canada model) AC 220 V, 60 Hz (Korea model)
Power consumption	200 W
External dimensions (W × H × D mm)	382 mm × 253 mm × 434 mm (15 × 10 × 17 inches)
Weight	40 kg (88 Lbs.)



- Design and specifications are subject to change without notice - Weight and dimensions are approximate.



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