

AITOS EV 803

Mono Output TransformerLess Amplifier (OTL)

Technical specification; technical details are subject to change as a result of technical improvements

<i>Principle</i>	OTL- Output TransformerLess Valve Amplifier
<i>Power</i>	120 Watts (@ typically 8-16 Ohms)
<i>Execution</i>	Dual Mono Design
<i>Valve Complement</i>	4 Power Valves; 3 double triodes and 1 pentode
<i>Transformers</i>	1 power transformer, 1 auxiliary transformer for supplying the slow start module
<i>Input Impedance</i>	270 kOhms
<i>Input Sensitivity</i>	1,5 Volt (eff)
<i>Damping Factor</i>	> 100
<i>Signal/Noise Ratio</i>	> 100 dB
<i>Frequency Range</i>	12 Hz - 225 kHz -3 dB
<i>Distortion</i>	< 0,25 % @ 1 Watt
<i>Loudspeaker Output</i>	8 - 16 Ohms, automatic adaptation
<i>Inputs</i>	Cinch - 2 x parallel - tellurium copper, gold plated
<i>Outputs</i>	2 x parallel WBT - gold plated
<i>Mains Voltage</i>	225 VAC, +/- 5%. On request any other fixed or preselectable voltage is possible between 110 and 240 VAC, 50/60 Hz
<i>Power Consumption</i>	Standby 0 Watts; Idle state: 100 Watts; Full Power: 350 Watts
<i>Fuses</i>	2,5 A / 1,6 A / 100 mA / 80 mA
<i>Dimensions</i>	350 mm x 200 mm x 420 mm, 14" x 8" x 16,8" (WxHxD)
<i>Weight</i>	14 Kg (30 lbs) each amplifier
<i>Housing</i>	Black metal powder coating, Front panel black PMMA
<i>Features</i>	<ul style="list-style-type: none">• Diagnosis output to check and adjust the internal voltages• Connector for remote switching from the pre or line amplifier• LED indicators for power on, fault indication and defective fuses
<i>Details</i>	<ul style="list-style-type: none">• Built-in mains phase check• Mains transformer with special oriented iron Teflon coated core to deliver instantaneous power and with lowest possible noise• Three-dimensional wiring with ultra short wires/connections and a wiring layout for lowest possible interference• Powering-on is provided by a special electronic circuit that enables gradually heating up of the filaments before the HV is gradually applied in order to expand/extend tube life and reliability• 2 pairs of loudspeaker outlets for bi-wiring• 1 pair of input connectors (cinch)• Amplifiers have a built-in operating hours counter
<i>Warranty</i>	Each piece of equipment is guaranteed for a period of 3 years, except for the valves which are guaranteed for 1 year