

## AITOS EV 903

### 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>	250 Watts (@ typically 10 Ohms)
<i>Execution</i>	Dual Mono Design
<i>Valve Complement</i>	6 Power Valves; 3 double triodes and 1 pentode
<i>Transformers</i>	2 power transformers, 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>	3 Hz - 225 kHz -3 dB
<i>Distortion</i>	< 0,25 % @ 1 Watt
<i>Loudspeaker Output</i>	6 - 14 Ohms
<i>Inputs</i>	Cinch, tellurium copper, (gold plated)
<i>Outputs</i>	2 x parallel WBT (gold plated) for Bi-wiring
<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: 130 Watts; Full Power: 500 Watts
<i>Fuses</i>	3,15A/ 1A/ 2,5 A / 100 mA / 125 mA
<i>Dimensions</i>	500 mm x 200 mm x 420 mm, 20" x 8" x 16,8" (WxHxD)
<i>Weight</i>	23 Kg (50 lbs) each amplifier
<i>Housing</i>	Black metal powder coating, Front panel black PMMA
<i>Features</i>	<ul style="list-style-type: none"><li>• Diagnosis output to check and adjust the internal voltages</li><li>• Connector for remote switching from the pre or line amplifier</li><li>• LED indicators for power on, fault indication and defective fuses</li></ul>
<i>Details</i>	<ul style="list-style-type: none"><li>• Built-in mains phase check</li><li>• Mains transformer with special oriented iron Teflon coated core to deliver instantaneous power and with lowest possible noise</li><li>• Three-dimensional wiring with ultra short wires/connections and a wiring layout for lowest possible interference</li><li>• 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</li><li>• Amplifiers have a built-in operating hours counter</li></ul>
<i>Warranty</i>	The amplifier is guaranteed for a period of 3 years, except for the valves which are guaranteed for 1 year