

AITOS LV 403

Valve Line amplifier with phono and pre-pre stages

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

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| <i>Valve Complement</i> | 22 low noise, long life valves with precisely paired triodes |
| <i>Frequency Range</i> | Line: 0,1 Hz to 100 kHz - 0,25 dB 1 Hz to 400 kHz - 3 dB Phono: 10 Hz to 60 kHz - 0,25 dB 5 Hz to 90 kHz - 3 dB |
| <i>Distortion</i> | Less than 0,0025% (Mainly second harmonic distortion) |
| <i>Output Voltage</i> | Max. 200 Vpp, limited to 40 Vpp |
| <i>Amplification</i> | Line: 7,7 dB (adjustable between 3 dB en 20 dB) Phono: 60 dB Pre-pre: 27 dB |
| <i>Output Impedance</i> | 600 Ohm |
| <i>Inputs</i> | Cinch - 3 x line, 3 x tape-monitor, single ended (25 kOhm) 1 x MM phono input (47 kOhm) 1 x MC phono input with parallel input for adaption circuitry (10 - 100 - 1 MOhm, 10 - 1500 pF) |
| <i>Outputs</i> | Cinch - 2 x Main out fixed, 1 x Main out adjustable, 3 x tape record, 1 x Headphone |
| <i>Mains Voltage</i> | 225 Volt VAC + / - 5 % 50/60 Hz |
| <i>Power Consumption</i> | Standby: 0,8 Watt; Line: 52 Watt; Line + Phono + PrePre: 132 Watt |
| <i>Dimensions</i> | Amplifier Unit (W x H x D): 470 mm, 100 mm, 375 mm (+ 80 mm for the connector of the connection cable between power supply and amplifier unit) Power Supply Unit (W x H x D): 225 mm, 90 mm, 375 mm (+ 80 mm for the connector of the connection cable between power supply and amplifier unit) |
| <i>Weight</i> | Amplifier Unit: 6,2 Kg (14 lbs) Power Supply Unit: 9,0 Kg (20 lbs) |
| <i>Housing</i> | Black metal powder coating, Front panel black PMMA |
| <i>Operation</i> | Mode switch (2L, mono, stereo, rev. stereo, 2R), Record switch, Input switch, two volume controls clutch connected allowing separate volume adjustment, Headphone volume control, Phono/pre-pre stage switch, MM/MC switch, 2 remote control switches, Mains power switch. Connection cable (PSU - Amplifier unit): Length 1 metre (other lengths on request) |
| <i>Features</i> | <ul style="list-style-type: none">• LED indicators for phase and defective fuses• PSU has dedicated power supplies for line and phono stages• Headphone output at the back (1,25 Watt / 200 Ohm)• Remote switch (option for AITOS power amplifiers) |
| <i>Details</i> | <ul style="list-style-type: none">• The LV 402 is provided with three outputs per channel, e.g. for connecting two stereo or four mono power amplifiers for bi-amping purposes, subwoofers or a second hi-fi set• Dedicated soft start circuitry ensures a long tube life and protects the power amplifiers and the loudspeakers during the turn-on and turn-off cycle• Highest quality gold plated printed circuit boards with very thick copper tracks• Individually selected components of the highest quality |
| <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 |