

AITOS LV 305

Valve Line amplifier

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

Valve Complement	6 low noise, long life valves with precisely paired triodes
Frequency Range	Line: 0,5 Hz to 100 kHz - 0,25 dB 0,1 Hz to 600 kHz - 3 dB
Distortion	Less than 0,0025% (Mainly second harmonic distortion)
Output Voltage	Max. 200 Vpp, limited to 40 Vpp
Input Impedance	25 kOhm
Amplification	7,7 dB (adjustable between 3 dB en 20 dB)
Output Impedance	600 Ohm
Inputs	Cinch - 4 x line, 1 x tape-monitor, single ended
Outputs	Cinch - 2 x Main out, 1 x tape record, single ended
Mains Voltage	225 Volt VAC + / - 5 % 50/60 Hz
Power Consumption	52 Watt (Stand-by: 0,8 Watt)
Dimensions	Amplifier Unit (W x H x D): 225 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): 148 mm, 115 mm, 230 mm (+ 80 mm for the connector of the connection cable between power supply and amplifier unit)
Weight	Amplifier Unit: 3,8 Kg (8,44 lbs) Power Supply Unit: 6,5 Kg (10,44 lbs)
Housing	Black metal powder coating, Front panel black PMMA
Operation	Input select switch, Two volume controls clutch connected allowing separate volume adjustment, Mains power switch, Tape monitor switch, Remote switch Connection cable (PSU - Amplifier unit): Length 1 metre (other lengths on request)
Features	<ul style="list-style-type: none"> • LED indicators for phase and defective fuses • Headphone output at the back (5 Volt / 600 Ohm) • Remote switch (option for AITOS power amplifiers)
Details	<ul style="list-style-type: none"> • The LV 305 is provided with two 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 75 µ copper tracks • Individually selected components of the highest quality
Warranty	Each piece of equipment is guaranteed for a period of 3 years, except for the valves which are guaranteed for 1 year