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VTL IT-85 Integrated Amplifier



The VTL IT-85 Integrated Amplifier is designed for those who seek the simplicity of a single chassis system, but with the performance of separates. Designed with a fully active preamplifier stage, the IT-85 delivers a hearty 60 watts per channel with the sonic characteristic that is similar to our well regarded ST-85 Stereo amplifier and the TL2.5 preamplifier combination - fast, musical 3-D sound, and solid bass support that VTL is known for.

The IT-85 is a full linestage preamp and power amplifier in one chassis, and the linestage section has sufficient gain and a buffered output to be able to drive a subwoofer through the preamp out. The headphone section of the IT-85 is driven off the tube output stage and output transformer of the power amplifier section thus making it an ideal high performance pure tube headphone amplifier for headphone aficionados.

The IT-85 is designed to accommodate future upgrade -- when you are ready to add a subwoofer, separate pre- or power amplifier, surround processor or headphones to your system, the IT-85's many different output stage configurations can be easily and painlessly re-configured, often with just the flip of a switch.

Hand built in our factory in California with the proven VTL quality, the IT-85 will give you lasting value and listening pleasure for years to come.

Feature Highlights:

- * High power, capable of driving a wide range of loudspeakers
- * Remote controlled volume and mute (custom remote wand), automatic mute on power up and down
- * Pure tube active line stage, with buffered pre-out and regulated B+
- * One pair of processor loop / direct amplifier inputs
- * One pair of tape outputs
- * Amplifier-driven headphone output, front panel selector switch (pre out mutes on headphone insertion)
- * No-load automatic shutdown in headphone circuit
- * Built-in upgrade path for precisely gain-matched horizontal biamping with VTL ST-85
- * Extruded machined aluminum front panel in silver (standard) or black, and protective cage
- * High quality VTL ST-85 power supply components and output and power transformers
- * Easily accessible individual output tube bias measurement and adjustment points on top deck
- * Angled-back chassis for easy access of inputs and outputs, sturdy quality structural fit and finish
- * Detachable IEC power cord, high quality gold-plated VTL custom binding posts and RCA jacks
- * All hand-built in the VTL California factory

IT-85 Integrated Amplifier Data Specification

Vacuum Tube Complement	4 x EL34, 4 x 12AT7, 2 x 12AU7
Output Power	60 watts
20 Hz – 20 kHz <3% THD	Into 5 ohms
Small signal frequency response (< 0.2% THD @ 1W)	0 – 60 kHz
Class of operation	Class AB1
Inputs	5 pairs of single-ended RCA Proc/Amp Input
Outputs	1 pair 5-way binding posts Pre Out, Tape Out, Headphone Out
Input Sensitivity / Impedance	Line in: 180 mV Amp in: 575 mV / Line in: 20K ohms Amp in: 135K ohms
Output Impedance	Amp out: 1.55 ohms Headphone out: 16 ohms Preamp out: 400 ohms
Load Setting	Speakers: 5 ohms Headphones: 50 – 500 ohms
Power Consumption	Idle = 200 W Full Power = 600 W
Dimensions W x D x H	15.75 x 11 x 7 inches 40 x 28 x 17.75 cm
Weight	55 lbs (29.5 Kg) fully packed