innerTUBE AUDIO®

ATOMIC Squeeze Box®

Dual-Triode Tube Circuitry

Gain Reduction to 20 dB +

You can't hear it working !!

Low Distortion & Low Noise

Ultra Smooth Release

Just what the audio industry needs: another tube compressor . . . Right? Just wait until you *don't hear* this one in operation!

The Atomic Squeeze Box is a full-band, dual-triode tube-based, analog signal amplitude processor. Its unique circuitry provides a wide range of automatic level control while imparting virtually none of the sonic artifacts that are usually associated with conventional compression and limiting.

Even with steep ratios and low thresholds, the ASB remains incredibly transparent in operation. In fact, most new users have to 'double-check' to be sure that it is, in fact, operating by pushing all the controls and compression to their limits.

Our innovative *new* (**!**) design virtually tracks the program envelope for its release function with the same accuracy and agility that it tracks for the attack function. Whether your need is taming an out-of-control vocalist, bass player, or just some very, very smooth level control; the Atomic Squeeze Box will open your eyes to a whole new horizon of smooth audio delights.

The tube-based circuitry and fine custom nickel-core audio transformers impart a warmth and richness to the program that reminds us of the glorious sound of the finest analog audio. Distortion is very low, typically under 0.1%, even with 20 dB of gain reduction !

Innovative Vacuum Tube Products for Analog & Digital Worlds

Specifications * Atomic Squeeze Box®

Gain Reduction	0 to over 20 dB of compression
Attack Adjustment	Continuously Variable, from tortoise to hare
Slope Adjustment	Continuously Variable, from linear to approximately 30 to 1
Release Adjustment	Continuously Variable, with automatic envelope tracking
Total Harmonic Distortion	< 0.1% THD, with 20 dB compression
Noise Floor:	> 85 dB below 0 VU
Frequency Response	± 1.0 dB, 20 Hz to 20 kHz @ +4 dBm, -3dB 15 Hz and 90 kHz
Input Level	-20 dBm to + 20 dBm
Output Level / Meter Calibration	0 VU = +4 dBm
Input Impedance	Nominally 2,200 ohms, floating (transformer isolated)
Output Impedance	Design to be loaded 600 ohms or greater, floating (transformer isolated)
Panel Size	2U, (2 rack spaces)
Depth behind Front Panel	12 inches
Connectors	In / Out Audio on 3-pin XLR, pin 2 hot AC power via IEC Type III
Fuse	1. 2 ampere, 3AG (120 VAC model)
Power Requirement	50 watts @ 117 VAC
Export Model	240 VAC (available on special order)
Tube Complement	2 x 12SL7, and 2 x 12SN7
Warranty	90 days on parts, labor and tubes. All the other parts are warranted for 5 years, misuse and abuse excepted.
Shipping Weight	15 pounds

* Typical performance of production units.

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