

innerTUBE
AUDIO



**Dual ATOMIC
Squeeze Box®**



Dual-Triode Tube Circuitry

Gain Reduction to 20 dB +

Dual Mono / Stereo Operation

Low Distortion & Low Noise

Ultra Smooth Release

Two Atomic Squeeze Box's are combined in one convenient and compact package. They may be operated independently or switched to Stereo mode.

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 the Stereo mode, the side chains are coupled and the setting of the longest release time adjustment sets the release time.

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 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. The distortion is very low, typically under 0.1%, even with 20 dB of gain reduction !

Innovative Vacuum Tube Products for Analog & Digital Worlds

Specifications *

Dual Atomic Squeeze Box[®]

Gain Reduction	0 to over 20 dB of compression
Modes:	Two independent mono units, or may be switched to Stereo Mode with release time common.
Attack Adjustment	Continuously Variable, from molasses to lightning
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
Power Supply	Housed in a separate module, 8 x 6 x 3 inches, interconnected with a multi-pin cable / connector
Fuse	1.2 ampere, 3AG (120 VAC model)
Power Requirement	50 watts @ 117 VAC
Export Model	240 VAC (available on special order)
Tube Complement	4 x 6SL7, and 4 x 6SN7
Warranty	90 days on parts, labor and tubes. All the other parts are warranted for 5 years, misuse and abuse excepted.
Shipping Weight	25 pounds

* Preliminary Specifications, typical performance of production units.



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