

innerTUBE  [®]
AUDIO

ATOMIC
Sumthang [®]



Triode Electron Tubes

This product was created for loyal Atomic Squeeze Box owners who asked us for an analogue summing combiner for use with Digital Audio Workstations. The dry, often-brittle sound common to a lot of today's digital program material, and unsatisfactory digital mix-downs, have led many mixing engineers to resort to doing their final DAW mix-downs on analogue mixing consoles — a very expensive 'add-on' to a DAW!

8 Line Inputs - Stereo Output

The Atomic Sumthang offers an innovative, compact solution in convenient 8-channel modules. (Multiple units can be ganged.) Now your digital mixes can have the richness, warmth and full-bodied sound of our fine analog tube-transformer design.

Fully Transformer Isolated

The AST takes 8 line level sources and mixes them into a stereo output buss. The AST's line inputs are 25k bridging and are transformer isolated. They are suitable for use with Hi-Z or Lo-Z, and balanced or unbalanced sources. The transformers fully isolate the audio signal from the noisy digital grounds of the computer.

Low Distortion & Low Noise

The novel AST output circuitry uses low-distortion triode electron tubes in combination with custom-made, nickel-core audio output transformers. Output levels are controlled by a large stereo volume control on the front panel. Two precision VU meters are provided for accurate signal monitoring.

High Computer Noise Immunity

Reports from users indicate a great deal of satisfaction with the Atomic Sumthang — which easily returns fine analogue quality to the world of digital convenience.

Innovative Vacuum Tube Products for Analog & Digital Worlds

Inputs	8 inputs on XLR connectors
Input Impedance	Nominally 25 k-ohms, floating (transformer isolated)
Input Level	-20 dBm to + 10 dBm
Outputs	2 XLR outputs, with output VU meters
Output Impedance	Design to be loaded 600 ohms or greater, floating (transformer isolated)
Output Level / Meter Calibration	0 VU = +4 dBm
Noise Floor:	> 85 dB below 0 VU
Frequency Response	± 2.0 dB, 20 Hz to 20 kHz @ +4 dBm,
Noise Floor:	> 80 dB below 0 VU
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	2 x 12SL7, and 2 x 12V6
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

* Preliminary Specifications, typical performance of production units.



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