



 **aricAUDIO**

SUPER 6SN7

LINESTAGE

ARIC AUDIO TUBE GEAR

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INTRO

Introducing the Super 6SN7 Linestage, which includes many updates over the original Special 6SN7 Linestage. An updated toroidal power supply transformer, 48 step motorized Khozmo remote volume controller, Neutrik RCA connections, Jupiter copper-foil coupling capacitors, and a solid hardwood enclosure present some of the changes made to this preamplifier!

This preamplifier features a toroidal power transformer for extremely low self-noise, a 5U4GB tube rectifier, two OD3 tube regulators, Miflex copper foil coupling capacitors, Vishay resistors, and an all-film capacitor power supply combine to provide reliable power delivery with excellent bandwidth and beautiful tonality. The Input stage is direct-coupled to the cathode-follower output stage for very low distortion and superb linearity. 4 sets of stereo inputs and 2 parallel sets of outputs with 5 position variable output level (up to 20 db). All internal wiring is 100% copper.

Aric Kimball
Owner



IN THE BOX

- Aric Audio Super 6SN7 Linestage
- Power Cord
- (2) 6SN7 tubes
- (2) OD3 regulator tubes
- 5U4GB tube



FRONT PANEL



1. Off/ON Toggle
2. Volume
3. Volume Display
4. Input Selector
5. 5U4GB Tube
6. OD3 Regulator Tube
7. OD3 Regulator Tube
8. 6SN7 Tube
9. 6SN7 Tube



REAR PANEL



- 1. Inputs
- 2. Outputs
- 3. Output Level
- 4. Power



REMOTE



- 1. Display Control
- 2. Volume Down
- 3. Volume Up



OPERATION

INPUTS:

On the rear are 4 sets of stereo inputs (Left to Right 1,2,3,4,). The control on the right front of the preamp is the Input Selector. Starting all the way counter-clockwise sets to Input 1. Rotating clockwise engages Inputs 2,, 3, and 4, respectively (position 5 grounds the input for a MUTE function to test your system for noise).

OUTPUTS:

The 2 sets of RCA outputs are wired together in parallel. They are controlled together by the rear-stepped output level control.

The output level control allows you to fine-tune the overall gain of the preamplifier if your amplifier input is too sensitive. This control can be left all of the way UP (turned clockwise all 5 clicks); however, if you find that your amplifier is very sensitive (usually based on having very little usable rotation of the Master volume before the apparent volume level is too high), then you can rotate this control counter-clock-wise to reduce the preamplifier's gain.

Stepped output level control:

The most ideal way to set this control is to turn the front volume control up to the maximum range you will ever want to play the unit (for most people, this is between 2 and 4 o'clock on a standard volume pot, and then raise the rear control by turning it clockwise until the unit is just barely clipping your amp- or is as loud as you will ever want to play the system (whichever comes first). Then, leave the rear control set where it is and use the front panel volume control as normal to control the overall system volume. Again, left all the way up is perfectly fine and, in most cases, desirable.

While the rectifier warms up the voltages in the unit raise to their operating points, the OD3 tubes will ignite within 4 seconds. Make sure that the amplifier is not powered on until the OD3 tubes ignite, or else noise will be emitted through the amplifier and be produced by your speakers.



OPERATION (CONT.)

Turn on sequence:

Always turn equipment on following this protocol to avoid thumps from the preamplifier.

ON: Source (CDP, DAC, Streamer, Phono preamplifier, etc.)----->Preamplifier----->Amplifier.

OFF: Amplifier----->Preamplifier----->Source.

Troubleshooting:

If mild pops or hum is heard when the amplifier is first powered up or while it's running, this generally indicates a fault with the tubes being used. It's also possible that the tube pins are dirty/oxidized and need to be cleaned. You can use a fine wire brush to gently clean the outsides of the tube pins to ensure better contact with the gold-plated sockets in this preamplifier. If the issue goes beyond that, then it is recommended that the 6SN7s be replaced generally. Additionally, if the rectifier tube does not light, it indicates that it needs replacing.

Please keep in mind that it may take up to 2 weeks for the internal components to effectively "burn in" and for the preamp to sound its best. Also, different tubes will provide different "timbre" and a different presentation to the sound. Additionally, many tubes also have different noise floors. Some tubes in any tube device may be noisy, and some may be perfectly quiet. It is recommended to try different tubes if noise should occur (especially in only one channel) to rule out that it's not simply the tubes at fault.



SPECS & FEATURES

- Tube rectified and regulated power supply
- Jupiter copper-foil/paper in oil coupling capacitors
- 48 step motorized Kхозmo volume controller
- DC coupled input stage fed to a low impedance cathode follower
- Gold-plated ceramic tubes sockets
- Gold-plated Neutrik RCA jacks
- Fused IEC jack with integral power switch
- Fully hand-built hardwood chassis
- Aluminum top and bottom plates
- Copper-lined chassis
- 100% copper wiring used throughout
- 50 kOhm input impedance
- 300 Ohm output impedance
- Aluminum remote with dimmable display and mute function
- Up to 20 db gain using 6SN7s(variable per output level control)
- Up to 50 db gain using 6SL7s (variable per output level control)
- 4 set of stereo inputs/2 sets of stereo outputs
- Front panel volume and input selector controls
- 16.5" wide X 13.5" deep X 8.5" tall
- 28 lbs (unboxed)



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