

QUICK SPECS

Rated Output: 3.5W + 3.5W
2A3S: 4 W (4.3 watts @ 2% THX)
Operation: Class A Auto-bias
Speaker Outputs:
4 / 8 ohm (16 Optional)
Total Harmonic Distortion:
Less than 1% at THD+N @
Rated Power
Hum & Noise (A-Weight):
80 db below rated output
Frequency Response:
+ 0 - 0.2 db (At 1 Watt Reference
Power Output from 20-20,000 Hz)
Input Sensitivity and Impedance:
Main Input - 500 mv / 100k ohm
Power Consumption: 85W

TUBES USE:

2A3 Matched Pair
6SN7 Matched Pair

Rectify Tube X 1
(GZ30,31,32,33,34/37...etc)

FINISH / BOX:

2A3C: Triode Lab's
Hammer-tone

2A3S: Tri-Coat
White and Bordeaux
Red Metallic

Shipping Box:

20" x 12" x 20"
(W x D x H)

Shipping Weight: 35 LB

Launch Date: Dec 2012
MSRP: Starting from \$2,888 CAD



MADE IN CANADA / FAIT AU CANADA

Audio Amplifiers

[HTTP://WWW.TRIODELAB.COM](http://www.triode-lab.com)

DESIGNER NOTES:

It has been almost a decade since we first debuted our 2A3 Single-Ended Triode (SET) amp back in the early 2000's. At that time, tubes were making a comeback in high-end amplifiers, but most builders were only using the 300B. We liked 2A3 better, however. To us it is the queen of all tubes – unlike the 300B, the 2A3 was originally designed for audio playback, and is a real hi-fi, direct-heated triode tube. We decided to enter the audio market with our 2A3 SET MK1, which has proved to be a very popular amplifier over the years.

Let us present the new Triode Lab MK2 of our 2A3 SET amplifier!

We are now marking almost a decade of exceptional sound playback and bug-free operation from our 2A3 SET MK1. We are proud that many experienced audiophiles around the world have tried the rest, and have settled our Triode Lab 2A3 SET amplifier. And the number of users is growing rapidly! .

But we are innovators, and our success, rather than making us complacent, has led us to the design of a new production series – the Triode Lab 2A3 SET amplifier MK2!

We have entered a new era in the design of the amplifier, *with improvements to both the components and engineering of the signal path.*

Here are a couple of the changes we've implemented, to illustrate how we've paid attention to the details in order to improve on an already successful design.

Better chassis materials for reduced noise from chassis vibration – The chassis of the MK1 used high-quality aircraft-grade aluminum chassis. With the MK2, we've moved to a custom hand welded, thick gauge high quality North American aluminum chassis. This chassis is much thicker and stronger than the MK1, and can support over 200 pounds of transformers! The paint finish is now being done by professional powder coating company with glossy Triode Lab official Hammer-tone. With a heavier and more rigid chassis, the uneven surface of the Hammer-tone paint job, or the thick coats of automotive paint on the 2A3 MK2, the vibration and resonance interference from the chassis are far reduced.

Better circuitry engineering for improved signal-to-noise (S/N) ratio – every aspect of the MK1 circuit has been improved in the MK2. From a quick glance, there may not appear to be much difference between the MK1 and MK2, but subtle changes have been introduced that increase the MK2's overall performance. For example, if you look carefully, you will notice that the tubes are no longer spaced equally – the 6SN7 is now further away from the 2A3. This better separation reduces electronic interference between the tubes. As well, the input signal and amplification path is on the opposite end of the chassis from the output and power supply transformers. This increased separation further improves the S/N ratio. All these small details matter, and have been implemented throughout the components and circuitry of the new MK2 Series of our 2A3 SET designs – contributing to a better sonic quality and bringing you closer to the original recorded music.

Congratulations - you are about to enjoy one of the best 2A3 Single Ended Triode amplifier on the planet.

This is our future classic!

IT WAS SCIENCE, NOW IT'S ART!

Rev 3.01.13.A