

Tavish Design

Classic Vacuum Tube Phono Stage (MM/MC)

\$399 kit, \$549 assembled

Made in NY



Features

- Designed to accommodate almost any cartridge (Moving Magnet, High-Output Moving Coil, or Low-Output Moving Coil)
- Gain: 41 dB Moving Magnet, 61 dB or 53 dB Moving Coil (switch selected)
- RIAA equalization accuracy ± 0.5 dB, 30Hz – 20kHz, THD < 0.02%, **>31 dB overload margin**
- Exceptionally low noise for a tube phono stage: >79 dBA SNR (ref. 5mV MM input), >76 dBA (ref. 0.5mV MC input)
- Adjustable cartridge loading
- Linear regulated high voltage and heater supplies (**No Switching Power Supplies**)
- Designed & made in USA, with 6 year warranty

Tavish Design's Classic Vacuum-Tube Phono Stage is a passively-equalized, two-gain-stage design whose basic circuit topology has remained popular for more than 55 years. The reason for its endurance is simple: with appropriate updates, it is very difficult to beat. In fact, this simple phono stage outperforms many (if not most) high-end products.

Our update of this classic circuit includes optimized RIAA equalization that makes the circuit less sensitive to variations between tubes, as well as a relay-selected JFET pre-preamplifier for low-output moving coil cartridges. It retains the extremely high overload margin inherent to high-voltage vacuum tube circuits.



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Our design also includes linear, regulated high-voltage and heater supplies for low noise and low operating drift. The 200 volt supply rail operates the tubes in their intended range - we don't starve the tubes by operating them at low voltages. And, we completely avoid the use of switching power supplies. The unit is powered from an external AC wall transformer, using a small internal step-up transformer for the high voltage supply. This puts the larger, high-current transformer outside (and well away from) the enclosure. A sophisticated circuit board design with multiple ground domains eliminates coupled noise. Finally, we use a low-noise 5751 input tube (you can substitute a 12AX7 if you prefer). The result of all this is exceptionally low noise and hum for a tube phono stage, in a compact and low-cost package.

Vinyl LPs sound better than ever, and Tavish Design's Classic Vacuum-Tube Phono Stage lets you get the most out of your LPs for a reasonable price. It's not your grandfather's phono stage - it offers high-end sound and performance, and exceptional value.

Available either fully assembled or as do-it-yourself kit, with all parts, including enclosure, and with surface-mount JFETs pre-installed on the circuit board.

We also offer a premium assembled version, with RIAA equalization trimmed to within ± 0.3 dB (30Hz - 20kHz) and supplied with an individually measured RIAA curve for the unit. It also includes a selected low-noise 5751 that achieves >81 dBA (ref. 5mV) signal-to-noise ratio on the moving magnet input (signal-to-noise ratios on the MC input are not significantly affected).

For complete specifications and ordering options, please contact us or visit our website.



Tavish Design's Classic Phono Stage – Exceptionally low noise and hum for a tube phono stage, in a compact and low-cost package