



This slim Dynaco Mark III tube amplifier chassis is constructed from heavy-duty 0.05" thick steel, providing excellent rigidity while minimizing vibration and hum. The chassis features precision pre-punched holes for tube sockets, RCA input jack, speaker terminals, and control hardware, along with dedicated mounting positions designed specifically for toroidal-style power and output transformers.

For safe and reliable operation, the chassis includes a high-quality IEC power inlet with integrated RFI/EMI filter, fuse holder, and power switch to reduce power-line noise and simplify wiring. A new-style CA transformer cover is also included, providing additional shielding and a clean, professional appearance.

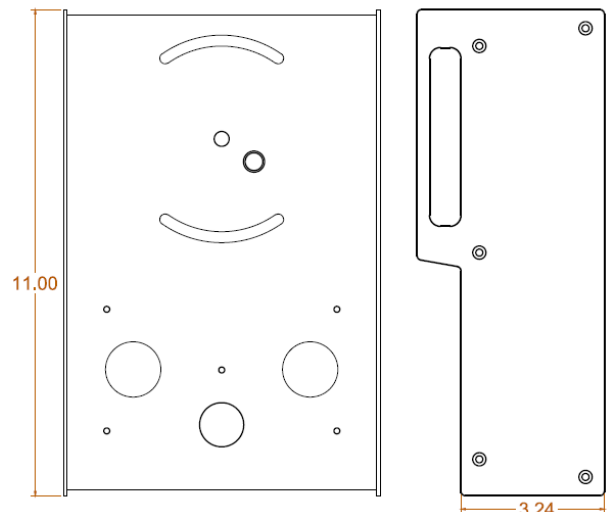
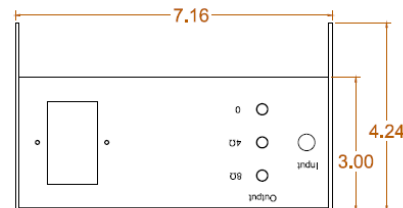
The main PCB is included for simple and easy installation. All mounting holes are fully drilled and require no modifications.

Compatible Components

- Output Transformer: MP-40W66/50 or MP-60W66/50
- Power Transformer: AS-2T, AS-2TC or AS-3T series
- Power Transformer Cover: CA-202 or CA-303 (*included*)
- Tube Sockets: 8-pin $\times 2$, 9-pin $\times 1$
- IEC Power Inlet: CW2B-10A-T (*included*)
- Main PCB: STM-40 PCB (*included*)
- RCA Connectors: Panel-mount
- Speaker Connectors: Panel-mount $\times 3$
- Tubes: 6L6, EL34, KT66, KT88, KT120

Chassis Includes

- Main chassis & bottom plate
- Two side panels
- Main STM-40 PCB
- Power transformer cover CA-202 / CA-303
- IEC power inlet with fuse and switch
- 6Vac green LED
- Screws, hardware and spacers

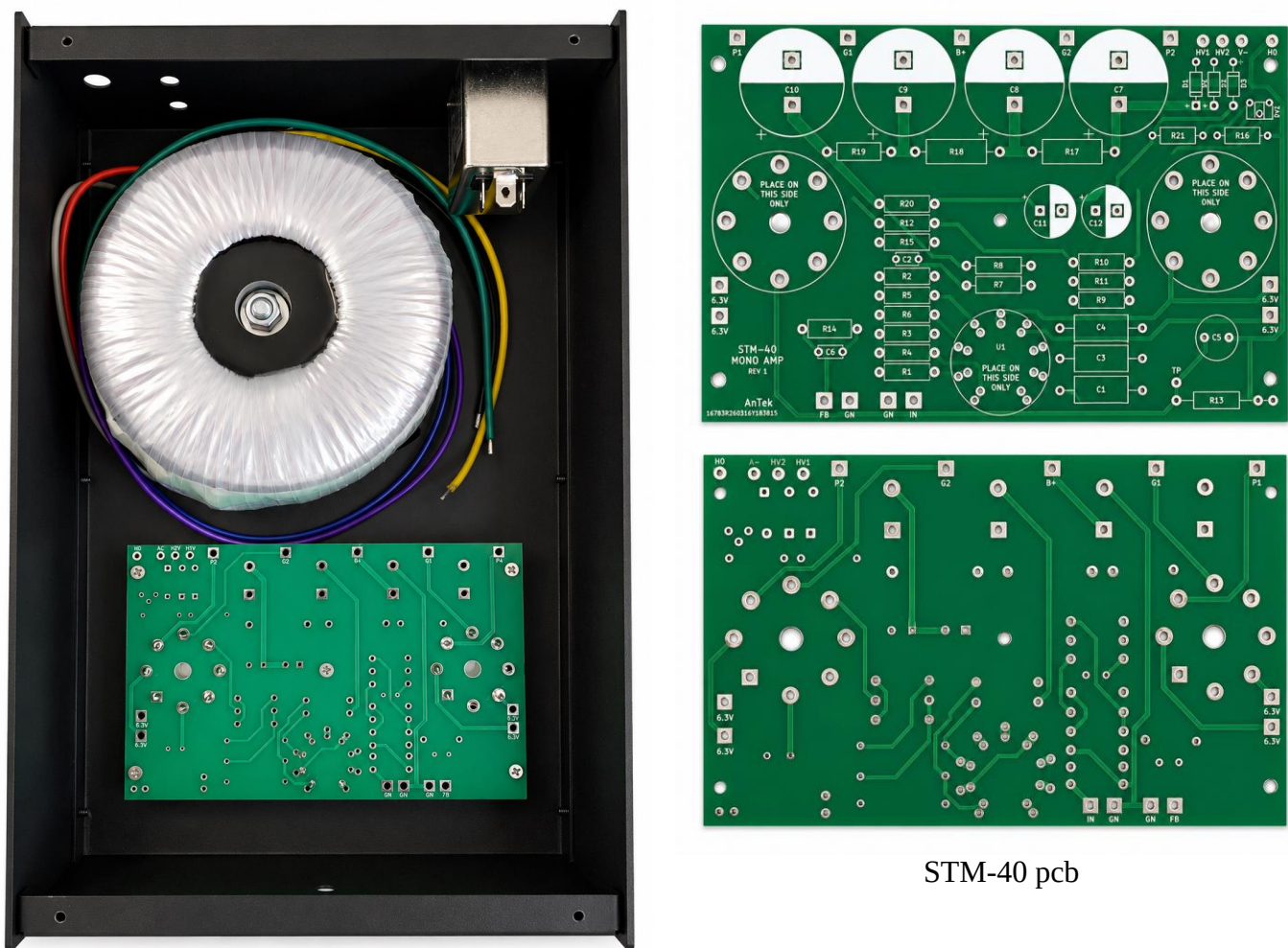


This STM-40 PCB set is specifically designed for the CC-711A push-pull tube amplifier chassis and is based on the Mark III circuit topology, refined through many years of tube amplifier design experience. It utilizes advanced toroidal power and output transformers to deliver excellent sound quality. The PCB layout has been carefully optimized with short signal paths, proper grounding, and effective separation of high- and low-level circuitry to minimize noise, hum, and crosstalk.

When combined with high-quality toroidal power and output transformers, the amplifier benefits from higher efficiency, reduced magnetic radiation, and improved voltage regulation compared to traditional EI-core transformers. These advantages result in a lower noise floor, improved dynamic range, stronger low-frequency control, and a smooth, extended high-frequency response.

The PCB supports a wide range of commonly used output tubes, including EL34, 6L6GC, KT66, KT77, KT88, KT120, and 6550, as well as multiple driver tube options, making it suitable for both hi-fi and audiophile-grade applications. The circuit allows most common power tubes to produce approximately 40 to 100 watts of output power.

The supplied schematic corresponds to a specific transformer set and is provided as a reference design. Depending on the actual power transformer secondary voltages, output transformer impedance, and selected tube types, certain component values—such as plate resistors, cathode resistors, bias resistors, and power supply filter resistors and capacitors—may need to be adjusted. Final verification of operating voltages and bias conditions during assembly is strongly recommended to achieve optimal performance, long tube life, and overall amplifier stability.



STM-40 pcb

PCB	Output Power	Output Transformers	Power Transformers	Suggest Tubes
STM-40	40W	MP-40W50, MP-40W66	AS-1TC320, AS-2TC300	6L6, EL34, KT66
STM-40	60W	MP-60W50, MP-60W66	AS-2T320, AS-2TC340	6550, KT88, KT120
STM-40	100W	MP-100W50	AS-3TD360, AS-3TD400	KT88, KT120