

Quality First Attitude

All Texas Tone amplifiers are built by hand in Austin, Texas, assembled and/or fabricated in our own workshop in Austin, Texas. All parts used on Texas Tone Amps are sourced for high quality, availability, and value.

Texas Tone Amps production

The following practices are **performed by hand** in our workshop:

- All schematic diagrams and 1:1 scale layout documents.
- Production and/or modification of turret, tag, or eyelet boards.
- Chassis preparation and/or modification.
- All component layout, connecting, and soldering.
- All wire and cable preparation and routing.
- All assembly of combo amps, amp heads, and speaker cabs.
- All assembly and testing of finished products.

Carefully Selected Components

Texas Tone Amps uses many Commercial Off-the-Shelf (COTS) components. The items listed below are procured from **carefully selected vendors**:

- Transformers. *See below.*
- Speakers. *See below.*
- Vacuum tubes - made in the Čadca, Slovak Republic by [JJ Electronic](#), or in St. Petersburg, Russia by [New Sensor Corp.](#) All tubes used in Texas Tone Amps are tested for low noise and low microphonics, and all power tubes in push-pull amps are matched pairs or quartets. We feature JJ Electronic tubes from [Eurotubes](#). We do not use Chinese-made tubes.

Made in USA

We strive to use USA-made components whenever possible and seriously avoid low-quality components. Many parts are globally made. In these cases, we use components from firms well known for quality. The items listed below are validated to be **USA made**:

- All Texas Tone Amplifier cabinets are **Made in USA** to Texas Tone Amp specifications.
- All Texas Tone Amplifier chassis are based on standard chassis models, **Made in USA**, and modified by Texas Tone Amps.

- Capacitors
 - CDE Cornell Dubilier
 - Orange Drop
 - Silver Mica
 - [JJ Electronic](#) 500V, Low ESR, low impedance- Made in the Slovak Republic
 - [F&T/Mersen](#) 500V Series A and LF Electrolytics - Made in Germany
 - Mallory 150 Series capacitors - 125° C, **USA made**
 - Sprague Atom capacitors - **Made in USA**
 - Orange Drop 715P & 716P
 - Vishay BC
 - MKT1813 Film capacitors
 - Ceramic capacitors
 - Metal film (low noise) resistors
 - Electrolytic capacitors
- Potentiometers
 - Apha – Made in Korea
 - CTS - Made in Taiwan
- Resistors
 - Vishay BC 1W, 2W, & 3W PR series
 - MF Series 1/2W metal film
 - MO Series metal oxide power resistors
 - PR Series 1W carbon film
 - Wirewound power resistors
 - 1W carbon composition
 - Cement wirewound low mass grid and screen resistors
- Speakers:
 - [ToneSpeak™](#) speakers marked "**Assembled in USA**" - EIA code 114
 - Eminence speakers marked "**Assembled in the U.S.A.**" - EIA code 67.
 - Jensen Speakers - Made in Italy
 - Celestion speakers - made globally
- Switchcraft (**USA**) and Cliff (UK) connecting devices.
- Transformers:
 - Hammond transformers - Made in Canada.
 - Heyboer transformers - EIA code 996.
 - Lenco Electronics - EIA Code 605.
 - Magnetic Component transformers - EIA code 166. (no longer produced)
 - Musical Power Supplies transformers - **USA made.**

MIL-Spec

We prefer MIL-Spec parts due to their stringent quality requirements, consistency, and high temperature and high vibration performance. Most wire, cable, and resistors used in Texas Tone amps are MIL-Spec. Our founder spent years working for an RCA parts distributor and later led the ISO 9001 certification and garner high scores from major aerospace and defense contractors for interconnect devices. The value of quality cannot be overstated.

- MIL-I-24768/27 FR4/G10 Glass epoxy turret boards.
- MIL-R-10509F - Metal Film Resistors: High precision, low noise, high temperature (155° C).
- MIL-W-22759/16-20 Rev A - ETFE insulated wire - 600V 150° C rating, Made in USA.
- NASA-STD-8739.3 for turret boards subjected to vibration and high temperature