

# GROOVE TUBES GT5751M DUAL TRIODE

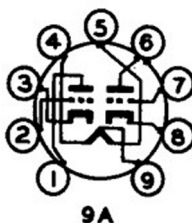


## SPECIFICATIONS\*

### Class A Amplifier

Plate Voltage:	250 V
Grid #1 Voltage:	3 V
Amplification Factor:	65
Plate Resistance:	48K $\Omega$
Transconductance:	1300 $\mu$
Plate Current:	1.1mA
Heater Voltage:	12.6 V

## PINOUT DIAGRAM



The 5751 is slight variation of the popular 12AX7. It is interchangeable in all circuits calling for a 12AX7. It can be effectively used to "customize" the amp's preamp stage to reduce gain when placed in the V1 position (first gain stage in the signal path). This will also allow for more clean headroom before distortion and soften the dynamics as well. Stevie Ray Vaughan used NOS 5751 preamp tubes in many of his Fender amps for this purpose.

Our exclusive GT5751M tube design, like its close sister the 12AX7M, is an exact replica of the original British built Mullard ECC82/12AX7 dual triode preamp tube, but with slightly lower 5751 Gain and TC specs.

This famous Mullard dual triode design from the late '60s has a unique four (different) mica spacer design that reduces tube hum and microphonics by suspending the Cathode in a complex mica layered

structure which acts like a shock mount. It is unlike any other preamp tube ever made (most all preamp tubes use just a single mica design!). This same Mullard design was licensed by other tube factories, such as Amperex, who used this design for its legendary Bugle Boy series of preamp tubes.

The GT 5751M has the same great rich classic sound of the GT12AX7M; a distinct tone along with high definition no other currently produced preamp tube can match. It is Aspen's (our founder's) personal favorite in ALL his modern high gain amps for adding that softer vintage touch and tone.

We highly recommended this tube for the Fender Hot Rod Deluxe amps to fatten up the tone and "tame" the higher gain preamp stage. You will get more natural power tube distortion that will be controlled more so by the player's touch, than the Gain and Volume settings.

### \*SPECIFICATION MEASUREMENT PROCEDURES

The measurements on this sheet are actual test results of current production tubes made in a neutral and consistent manner for the purpose of fair comparisons. We decided not to use just reprinted "target specs" from an old RCA book like most, if not all, current production spec sheets released today. If these specs do not meet the old RCA or GE published spec sheets, do not be alarmed. In fact, NO tubes made today meet all these original specs, and only a few come even close in the critical areas of Transconductance and/or Gain.

We believe it is more important to provide our customers a meaningful standard by which ALL tubes made today can be compared. So beginning with our 2007 spec sheets, our first ever published, ALL the tubes we manufacture and/or made in other factories and/or other tubes that are in our catalog will reflect actual test results and averaged over at least 10 samples. As production quality rises and falls (frequently) we reserve the right to make these results subject to change as and performance rises, or falls. Current data sheets reflecting latest productions can be found on the GT website at [www.groovetubes.com](http://www.groovetubes.com).

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