



TAD – 6V6GT-STR High Performance Audio Beam Power Pentode

The TAD 6V6GT-STR is a heavy duty 6V6GT tube, that handles higher plate current. Works great in tweed 5E3 Deluxe and Deluxe Reverb Amps. Even when pushed to saturation there are no harsh upper mids as often experienced with other 6V6 makes. The TAD 6V6GT-STR remains detailed with power ful tone and singing sustain as you'd only expect from the finest NOS 6V6GT from the 1950s and 60s. Sweet full-bodied tone with silky heights.

Characteristics

Electrical			
Heater:	Min.	Nom.	Max.
Voltage (AC or DC)	5.8	6.3	6.8 V
Current			ca. 0.45 A
Cathode:	Oxide-coated, unipotential		
Cathode-to-heater potential, max.	+100 V		
Direct interelectrode capacitances, max.***			
Grid no.1 to cathode and grid no.3, grid no.2, base sleeve and heater	<9 pF		
Plate to cathode and grid no.3, grid no.2, base sleeve and heater	<7.5 pF		
Grid no.1 to plate	<0.7 pF		
Mechanical			
Operating Position	Any		
Base	JEDEC #8ET, octal, 8-pin		
Dimensions:			
Height	84 mm (3.307")		
Seated height	72 mm (2.834")		
Diameter	32 mm (1.259")		
Cooling	Convection		
Approximate net weight	42 g (1.4 oz.)		

***Without external shielding, nominal values

AF Power Amplifier

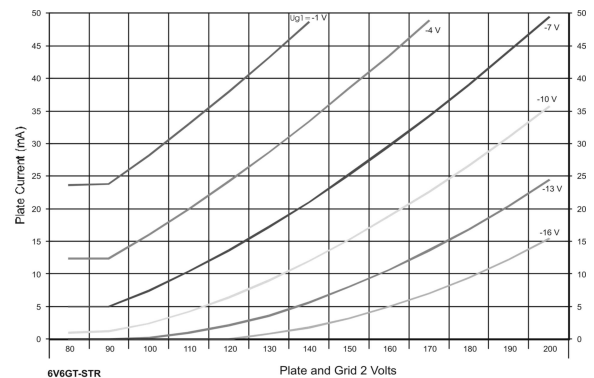
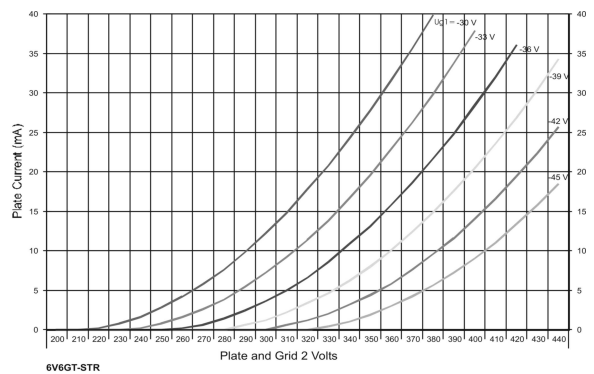
Maximum ratings	
DC plate voltage	450 V
Grid no.2 DC (screen) voltage	400 V
Grid no.1 (control) voltage	-250 V
DC cathode current	60 mA
Plate dissipation	14 W
Grid no.2 DC (screen) dissipation	2.2 W

Typical Operation

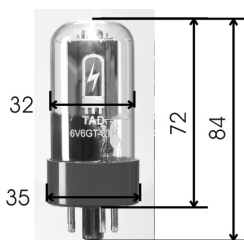
AF Power Amplifier, Class A1 (single tube)	
Plate Voltage	315 V
Grid 2 Screen Voltage	225 V
Grid 1 Control Voltage*	-13 V
Peak AF Grid 1 Control Voltage	14 V
Zero Signal Plate Current	34 mA
Maximum Signal Plate Current	35 mA
Zero Signal Grid 2 Screen Current (avg)	2.2 mA
Transconductance (nominal)	4,500 mS
Load Resistance	8500 Ohms
Output Power at 13% distortion	5.5 W

* Approximate Value (set to zero signal plate current)

Typical Performance 6V6GT Curve



Outline View



Bottom View

Octal Base Connections

