12BH7A-STR TAD Premium Selected
High Performance Medium-Mu Twin Triode

The all-new **TAD 12BH7A-STR** combines the best sonic and mechanic performance of the NOS RCA black plate with the GE version. A maximum of reliability with outrageous tonal quality makes the new **TAD 12BH7A-STR** the first choice for guitar, bass guitar and HiFi audio applications.
Defined Bass, powerful midrange and shiny treble response provides superb voice.
The **TAD 12BH7A-STR** comes Premium Selected with balanced systems for superior sonic service.

Characteristics of a bogey tube:

Electrical

Heater:	Series	Parallel
Voltage (AC or DC)	12.6V +/-1.0	6.3+/-0.5
Current	0.3	0.6
Heating		Indirect
Cathode-to-heater potential, max.		100V
Direct interelectrode capacitances, max.		
Grid to plate		2.5pF
Grid to cathode		2.9pF
Grid to heater		2.9pF
Plate to cathode		0.5pF
Balanced Systems rated		**5%**

Mechanical

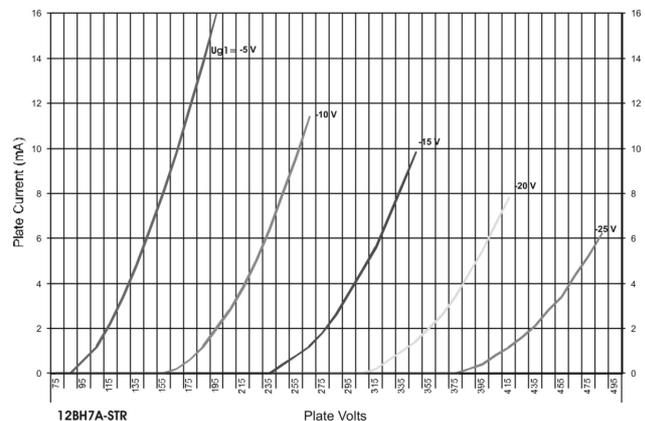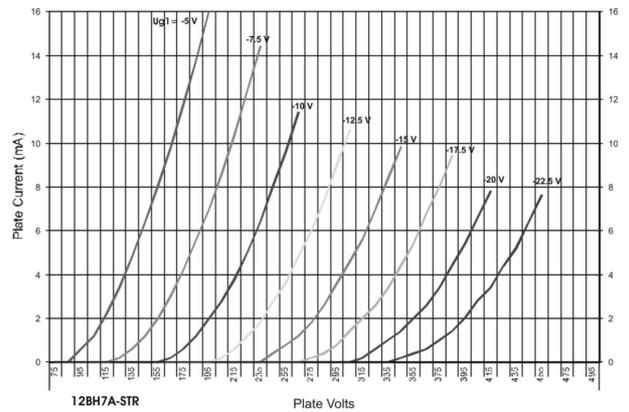| Operating Position	Any
Base	E9-1, Small Buton 9 Pin
Dimensions:	
Height	73 mm
Seated height	66 mm
Diameter	22.5 mm
Cooling	conventional
Approximate net weight	16 g

AF Power Amplifier:

Maximum ratings:

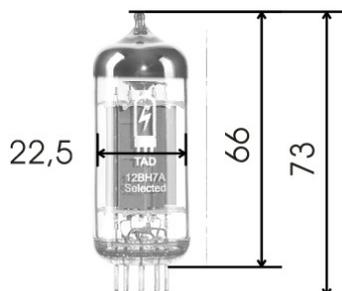| DC plate voltage	330 V
DC plate voltage on vertical deflection amplifier	500 V
Positive DC Grid Voltage	0 V
Negative DC Grid Voltage	-50 V
DC cathode current	20 mA
Plate dissipation	3.5 W

Grid Circuit resistor:

Fixed Bias	250KΩ
Cathode Bias	1MΩ

Typical Operation:

Class A amplifier (each section)

DC plate voltage	250 V
Grid Voltage	-10.5 V
Amplification factor	~17
Plate resistance	~5.4k
Transconductance	~3100mS
Plate current	~11mA

12BH7A-STR — Plate Volts / Plate Current (mA)

12BH7A-STR — Plate Volts / Plate Current (mA)

Outline View

22,5 — 66 — 73

Bottom View
Octal Base Connections

f   f
f — 5 — a2
k1 — 3   7 — g2
g1 — 2   8 — k2
a1 — 1   9
fm

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