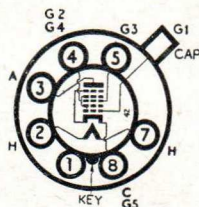


Replacement Type
TYPE 6L7G
(OCTAL BASE)
PENTAGRID
MIXER AMPLIFIER



CHARACTERISTICS AS MIXER (WITH SEPARATE OSCILLATOR).

Heater Voltage	...	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	...	250	250 volts
Anode Current	...	...	...	...	...	2.4	3.3 mA
Screen (G2, G4) Voltage	...	...	...	...	...	100	150 volts
Screen Current	...	...	...	...	...	7.1	9.2 mA
Control Grid (G1) Voltage	...	...	...	...	...	-3	-6 volts min.
Oscillator Grid (G3) Peak Voltage	...	...	...	...	...	12	18 volts min.
Anode Impedance	...	...	...	...	...	1.0	1.0 meg. min.
Conversion Conductance	...	...	...	...	...	0.37	0.35 mA/V
Control Grid (G1) Voltage	...	...	...	...	...	-30	-45 volts

(For Conversion of 0.005 mA/V)

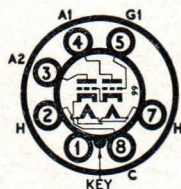
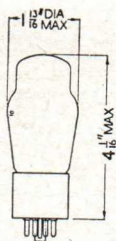
CHARACTERISTICS AS AMPLIFIER

Anode Voltage	...	...	...	...	...	...	250 volts
Anode Current	...	...	...	...	...	...	5.3 mA
Screen (G2, G4) Voltage	...	...	...	...	...	...	100 volts
Screen Current	...	...	...	...	...	...	6.5 mA
Control Grid (G1) Voltage	...	...	...	...	...	...	-3 volts
Control Grid (G3) Voltage	...	...	...	...	...	...	-3 volts
Anode Impedance	...	...	...	...	...	...	0.6 meg.
Mutual Conductance (G1 to Anode)	...	...	...	...	...	...	1.1 mA/V
Mutual Conductance (G3 to Anode)	...	...	...	...	...	...	0.3 mA/V
Control Grid (G1) Voltage	...	...	...	...	...	...	-30 volts*
Control Grids (G1 and G3) Voltage	...	...	...	...	...	...	-15 volts*

* For Anode Current cut-off.

Replacement Type

TYPE 6N6G
(OCTAL BASE)
DIRECT COUPLED
POWER AMPLIFIER



Heater Voltage	...	6.3 volts	Grid (G1) Voltage	...	0 volts†
Heater Current	...	0.8 amp.	Peak Input Voltage	...	21 volts
Input Anode (A1) Voltage	...	300 volts	Anode Impedance	...	24,000 ohms
Input Anode Current	...	9.0 mA	Mutual Conductance	...	2.4 mA/V
Output Anode (A2) Voltage	...	300 volts	Optimum Load	...	7,000 ohms
Output Anode Current	...	42 mA	Power Output	...	4 watts

† The bias for operation of the 6N6G is developed within the valve.