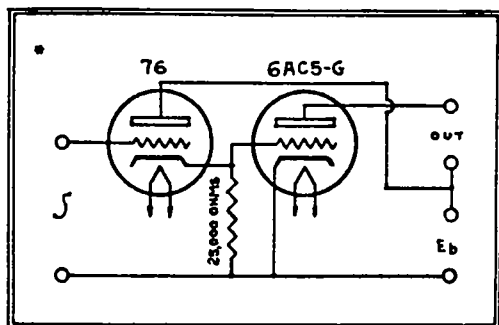
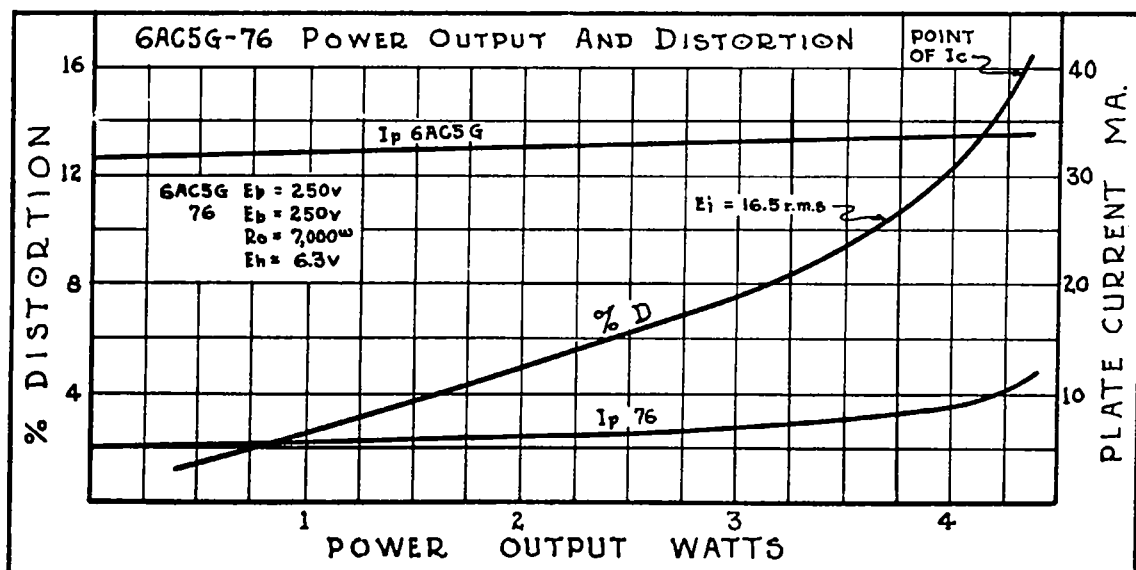




grid voltage of the 6AC5's have been designed to match the type 76 tube.

As mentioned previously, the 6AC5G characteristics have been designed to match a type 76 driver tube. Other similar types of triode tubes will not operate efficiently as drivers because of the differences in amplification factor and plate current.



***We believe that the circuit shown above for Dynamic Coupled operation is covered by patents controlled by
Revelation Patents Holding Company.**

TRIADYNE 6AC5 G

AVERAGE ELECTRICAL CHARACTERISTICS

Heater	Coated uni-potential cathode
Voltage	6.3 a-c or d-c
Current	0.4 amperes

CLASS "A" POWER AMPLIFIER

Plate Voltage	250 max. volts
Grid Voltage	+13 volts
Plate Current	32 ma.
Grid Current	5.0 ma.
Amplification Factor	125
Plate Resistance	36,700 ohms
Transconductance	3,400 umhos
Plate Dissipation	10 max. watts

TYPICAL OPERATION

CLASS "A" DYNAMIC COUPLED AMPLIFIER EMPLOYING A TYPE 76 DRIVER

Plate Supply	250 volts
Driver Plate Current	5.5 ma.
Power Section Plate Current	32 ma.
External Grid Bias*	0 volts
Load Resistance	7,000 ohms
Rated Power Output	3.7 watts
Harmonic Distortion	10%
Signal Volts For Rated Output	16.5 r.m.s.
Max. Power Output (start of driver grid current)	4.3 watts

*Bias voltage for both the driver and power sections is automatically developed by the Dynamic Coupled connection and driver grid current does not flow during any part of the cycle up to 4.3 watts output.

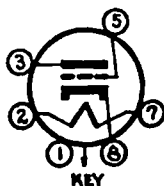
A 25,000 ohm resistor should be connected between grid and cathode of the power tube to prevent a current surge occurring while the tube is warming up.

The total resistance in the type 76 grid circuit should not exceed 1 megohm.

BASE CONNECTIONS

PIN ARRANGEMENT

PHYSICAL DIMENSIONS



Pin 1 - No Connection
 Pin 2 - Heater
 Pin 3 - Plate
 Pin 5 - Grid
 Pin 7 - Heater
 Pin 8 - Cathode

Max. Overall Length 4-1/8"
 Max. Diameter 1-9/16"
 Bulb ST12
 Base Small Octal 6 Pin