

IMPORTANT — READ CAREFULLY

# Western Electric

## 349A Vacuum Tube

### CLASSIFICATION

This vacuum tube is a suppressor-grid pentode having an indirectly heated cathode which permits operation of the heater element directly on alternating current.

It is intended for use primarily as an audio-frequency power amplifier where power outputs of approximately 3.5 watts are required and where the plate voltage is not in excess of 250 volts.

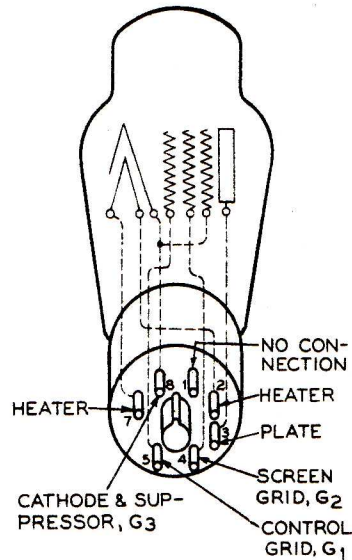
### BASE, SOCKET AND MOUNTING

This vacuum tube employs a small shell seven-pin octal base.

The tube may be mounted in any position.

### HEATER RATING

Heater voltage 6.3 volts, a.c. or d.c.  
Nominal heater current 1.0 ampere



The heater element is designed to operate on a voltage basis and it should be operated as near the rated voltage as practicable. Operation at a higher voltage will definitely reduce the life of the tube.

### OPERATING CONDITIONS

<u>Plate Volts</u>	<u>Screen- Grid Volts</u>	<u>Control- Grid Volts</u>	<u>Average Plate Current Milliamperes</u>
250 Max.	250 Max.	-14	30
200-250	200	-9	30
200-250	180	-8	26

PATENT	1432867	1456505	1456528
1459412	1464104	1478072	1479778
1550768	1605230	1738269	1799850