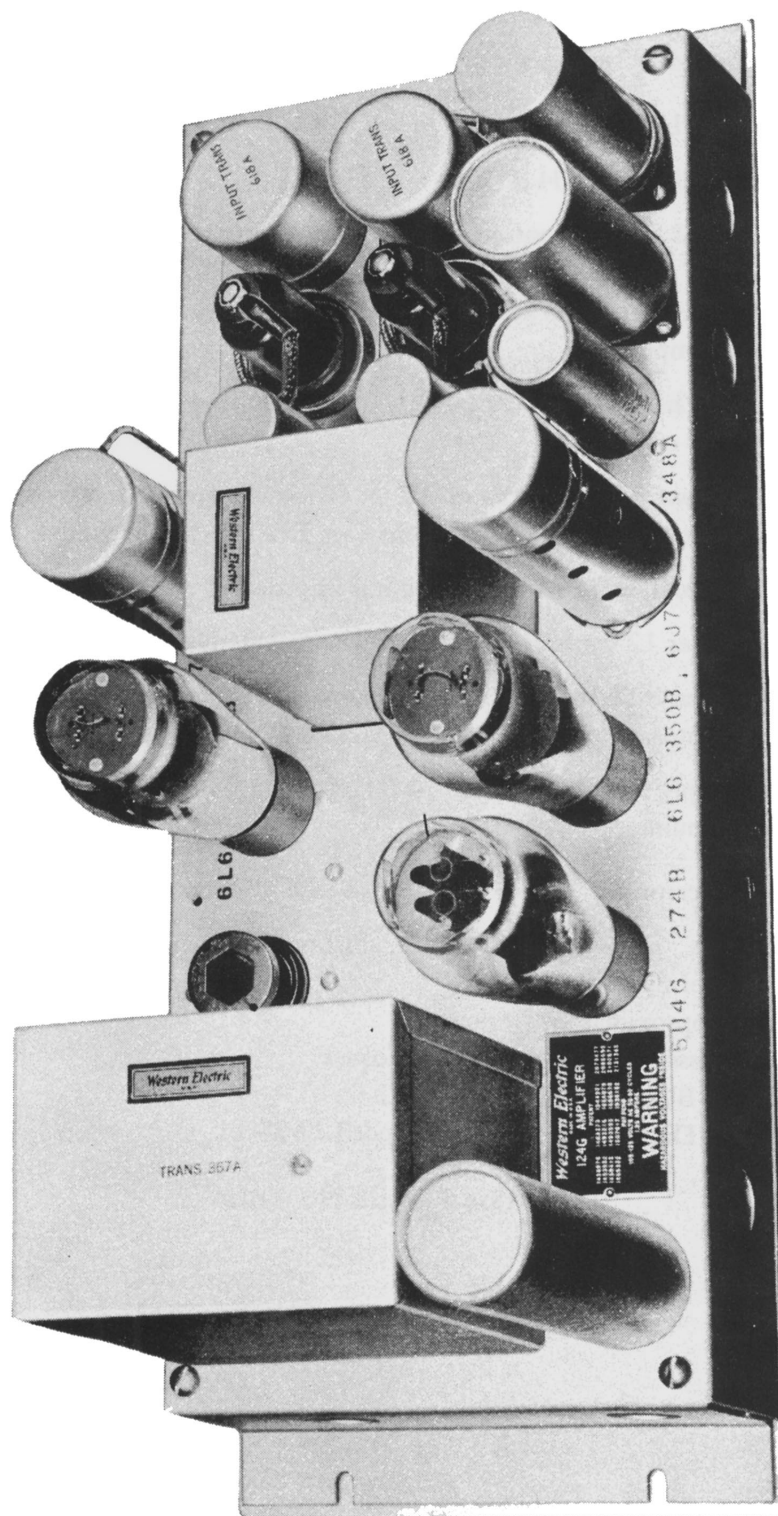


*Western Electric Company*  
**No. 124-G AMPLIFIER**



## ***Western Electric Company***

### **No. 124-G AMPLIFIER**

The 124G Amplifier is a three-stage high-gain amplifier for operating loudspeakers. It has two low-level input circuits which can be used individually or together each having its own respective volume control. The 124G Amplifier has a self contained a.c. power supply.

#### **Typical Electrical Characteristics**

Gain Approximately 104 db

Gain Control 35 db continuously adjustable—separate control for each input

(Gain control is on a dc bias basis and controls can be located remotely from amplifier.)

Frequency Characteristic Uniform within  $\pm 1$  db over the range 35 to 15,000 cycles

Operates from input sources of 15 to 60 ohms, can be reconnected for input sources of 60 to 250 ohms (see External Connections)

Operates into 1 to 1200 ohms nominal impedance

Output Power 12 watts as shipped, 20 watts available

Output Noise 8 db below .001 watt, unweighted (signal approx. 50 db above noise), under maximum gain conditions

Power Supply 105-125 volts, 50-60 cycles 1.25 amperes, 125 watts maximum

#### **Apparatus Description**

Dimensions 19 $\frac{3}{4}$  inches wide, 7 inches deep and 7 inches high (Panel Space)

Weight Approximately 20 pounds

Finish Chassis—bright Aluminum lacquer

Mat—Black Japan, coded 124G-3

Dark Aluminum Gray, coded 124G-15

Instruction Bulletin No. 1101

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