



• A • POWER AMPLIFIER PENTODE NOW AVAILABLE

The RCA-247 has been designed for use in the audio power output stage of newly-designed AC receivers.

ONCE AGAIN the RCA Radiotron Company, Inc., gives the set designers a new tool to work with—the screen-grid power output pentode, RCA-247. Owing to the addition of a “suppressor” grid between the screen and plate, this Radiotron is capable of giving large audio power output for relatively small signal

voltages impressed on the grid. The suppressor is connected to the cathode and is, therefore, operated at the cathode potential. Thus, the suppressor is effective in practically eliminating the secondary emission effects which limit the power output of four-electrode screen-grid types.

The preliminary ratings and characteristics are:

Filament Voltage	2.5 Volts	Plate Current	32 Milliampères
Filament Current	1.5 Amperes	Screen Current	7.5 Milliampères
Plate Voltage, Recommended	250 Volts	Plate Resistance	38,000 Ohms
Screen Voltage, Recommended and Maximum	250 Volts	Mutual Conductance	2,500 Micromhos
Grid Voltage	16.5 Volts	Load Resistance, Approximate	7,000 Ohms
Power Output	2.5 Watts		

RCA RADIOTRON CO., INC. ~ HARRISON, N. J.
A Radio Corporation of America Subsidiary

RCA RADIOTRONS

« THE HEART OF YOUR RADIO » »

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