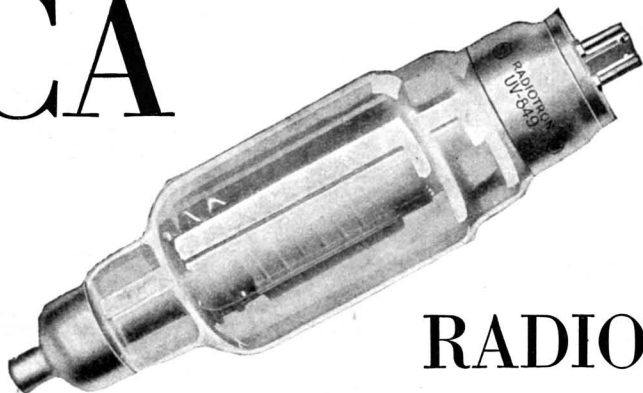


# RCA



## RADIOTRON UV — 849

### MODULATOR, AMPLIFIER *or* OSCILLATOR

**A**MATEURS who operate phone transmitters of medium power will find that Radiotron UV-849 is a very effective modulator. Its characteristics have been so designed as to make it particularly suited for use with oscillators operating at plate voltages of from 2000 to 3000 volts. The high quality of phone transmission obtainable through its use will gratify the most exacting amateur.

Then too, Radiotron UV-849 will give remarkably smooth and stable performance when used either as an oscillator or as a radio frequency amplifier at frequencies below 3000 kilocycles (wave-lengths above 100 meters).

Filament Volts 11      Filament Amperes 5      Amplification Factor 19

<i>Modulator</i>			<i>Oscillator and RF Power Amplifier</i>		
Plate Volts . . . . .	2000	3000 Max.	Max. Operating Plate Voltage		
Grid Bias Volts . . . . .	-87	-132	Modulated DC Plate Volts . . . .	2000	
Plate Current (ma.) . . . . .	60	100	Non-modulated DC Plate Volts . .	2500	
Plate Resistance (ohms) . . . .	4000	3200	Max. DC Plate Current (ma.) . . . .	350	
Plate Dissipation (watts) . . . .	300 Max.		Max. Plate Dissipation (watts) . . . .	400	
Oscillator Input Watts for each			Power Output (watts) . . . . .	350	
UV-849 (Mod. Factor 0.7) . . . .	110	350	Price	\$168.00	

*Write nearest RCA District Office for further information.*

**RADIOTRON DIVISION**

## **RADIO-VICTOR CORPORATION OF AMERICA**

*New York—261 Fifth Avenue*

*Atlanta—101 Marietta Street*

*Chicago—100 West Monroe Street*

*Dallas—Santa Fe Building, Unit No. 1*

*San Francisco—235 Montgomery Street*