



RADIOTRON UV-861

*A screen-grid
500 watt R. F.
Power Amplifier*

THE best operation of any power circuit is assured when it is equipped with RCA Transmitting Radiotrons. This is because:

1. They are the result of the longest experience in the commercial manufacture of power tubes.
2. They are the product of the world's largest and most famous radio engineering laboratory.
3. They are guaranteed to be free from electrical and mechanical defects.

UV-861 Rating
Filament Volts 11 Filament Amperes 10
Amplification Factor 300
Mutual Conductance
2.25 Milliampere/volt

Linear RF Amplifier—Class B

Normal Operating Plate Volts	3000
Screen Voltage (Approximate)	500
*Control Grid Bias Voltage	— 60
Non-modulated Plate Current (DC)	188 M. A.
Peak Power Output	600 Watts
Carrier output (100% modulated)	150 Watts

*Referred to midpoint of filament

Additional technical data will be furnished upon request.

When you use RCA Transmitting Radiotrons, therefore, you get long service and the maximum quality of performance.

Radiotron Type UV-861 (illustrated above) is particularly recommended for high frequency use as a linear (Class B) amplifier. The fourth electrode—the screen—makes neutralization unnecessary.

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