

RCA-Radiotron

UX-201-A

READ
CAREFULLY

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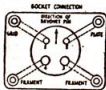
Radiotron UX-201-A is a General Purpose Storage Battery tube for use either as a Detector or Amplifier. It is recommended for Radio Frequency stages and for the *first* Audio Frequency stage of amplification.

FILAMENT VOLTAGE	- - - - -	5.0 VOLTS
FILAMENT CURRENT	- - - - -	0.25 AMPERES
DETECTOR PLATE VOLTAGE	- - - - -	45 VOLTS
AMPLIFIER PLATE VOLTAGE	- 90 VOLTS for General Amplification	135 VOLTS Maximum
AMPLIFIER GRID VOLTAGE	- 4.5 VOLTS	- 9 VOLTS

The filament in this Radiotron should be operated with as low voltage as possible consistent with satisfactory results. Low filament voltage increases the life of both Radiotrons and batteries. THE FILAMENT VOLTAGE SHOULD NOT BE ALLOWED TO EXCEED THE RATED VALUE OF 5.0 VOLTS.

A plate voltage of 90 volts, used with a negative bias of 4.5 volts, is recommended for the *first* Audio stage. For the Radio Frequency stages, the same values may be used, but lower ones often give better results.

For the *last* Audio stage, a Power Amplifier Radiotron is recommended for best loudspeaker results. If, however, Radiotron UX-201-A is used, 135 volts may be applied to the plate and negative 9 volts to the grid, in order to avoid distortion. A VOLTAGE EXCEEDING THE MAXIMUM OF 135 VOLTS SHOULD NOT BE USED ON THE PLATE OF THIS RADIOTRON.



A TECHNICAL BULLETIN
on this Radiotron is available upon request.

Handle
Radiotron
Carefully

RC-32814 Rev. (1-29)

Radio Corporation of America