

# Announcing the New

*Cunningham*

## Amplifier Tube

Type C-301-A List Price \$9.00

The most efficient vacuum tube ever placed on the market for amateur and experimental use. The engineers of the General Electric research laboratories have at last succeeded in perfecting a tube that every owner of a radio set has been waiting for.

**Greater Power Amplification  
Only  $\frac{1}{4}$  Amp. Filament Current**

**T**HIS new and improved Cunningham C-301-A Amplifier is a high vacuum tube designed for use as an amplifier and detector, containing a new Tungsten Filament, the characteristics of which are long life, low power consumption, low operating temperature and greater power amplification than any previous amplifier tube. The tube has a standard four prong base, and the glass bulb has the same dimensions as the C-300 and the C-301.



Filament potential	5 volts
Filament current	.25 amp.
Plate potential	20 to 100 volts
Plate impedance	16,000 ohms
Amplification constant	6.5

The greatly reduced filament current permits the use of four of these tubes without exhausting the A battery any faster than when using one of the previous type of amplifier tubes.

Complete instruction for the care and efficient operation of this new Amplifier Tube are packed with every tube.

Insert a C-301-A in your amplifier set today. Note the improved quality and increased audibility.

The Cunningham Technical Bureau is at your Service  
Address your problems to Dept. Q.

*E. J. Cunningham*

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