

# New and Improved

# Sodion

## Type "D-21" DETECTOR

This tube can be used in the detector position of any type of circuit.

### RATING

FILAMENT VOLTS .....	5.
FILAMENT AMPERES .....	.25
PLATE VOLTS .....	22 1/2-45
GRID LEAK .....	1/2-5 MEG.
GRID CONDENSER .....	.00025-.0005 MFD.
GRID RETURN .....	NEGATIVE
RHEOSTAT RESISTANCE .....	15-20 OHMS

Should not be used for amplification as the D-21 is strictly a detector.

When used in the detector position the grid leak and grid condenser are not critical, but plate voltage should be about 45 when used in a regenerative circuit, and 22 1/2 to 45 in a non-regenerative circuit.

Best results will be obtained when the grid return is negative as in Fig. 1 which shows proper wiring connections.

Filaments should always be operated at lowest possible voltage which will give satisfactory results. Operates best just below the point where a slight hissing sound is heard.

### CAUTION

TUBES SHOULD BE REMOVED FROM THE SOCKETS WHEN CONNECTIONS ARE BEING MADE. THIS WILL PREVENT ACCIDENTAL BURN-OUTS.

ANY TUBE WHICH IS BELIEVED DEFECTIVE SHOULD BE RETURNED TO THE DEALER OR DISTRIBUTOR FROM WHOM PURCHASED WHO HAS COMPLETE INSTRUCTIONS FOR HANDLING SUCH TUBES.

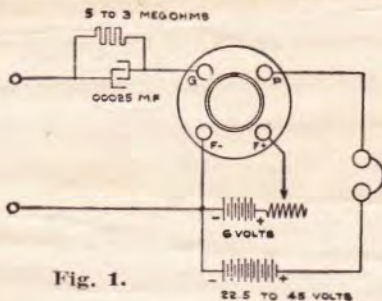


Fig. 1.

Manufactured by

**CONNECTICUT TELEPHONE & ELECTRIC COMPANY**  
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