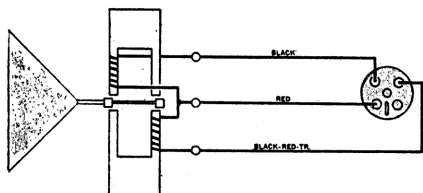


MODEL 70,76
Chassis "Q"
Voltage

An output filter choke and condenser are used in the Q-2 (above Serial No. 5704025), as shown in the diagram below. The Q-1 Chassis does not have these two parts.



CONNECTIONS OF INDUCTOR TYPE J SPEAKER.

Set in operation. Volume control at maximum.

L-D switch at distance.

Use High Resistance D. C. Voltmeter (about 0-50-250) to Measure Plate and Grid Voltages.
Use A. C. Voltmeter to Measure Filament Voltages.

180 VOLTS "B" BATTERY

TUBE	FILAMENT VOLTAGE	PLATE VOLTAGE	CONTROL-GRID VOLTAGE	SCREEN VOLTAGE
1st-R.F.	3.3	135	1.5	45
2nd-R.F.	3.3	135	1.5	45
3rd-R.F.	3.3	135	2.5	45
Detector	5.0	70	—	—
1st-A.F.	5.0	67	45	—
2A	5.0	180	45	—
2Aa	5.0	180	45	—

R.F. By-Pass No. 2*

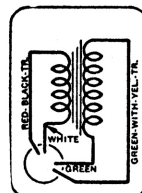
H—R.F. plate-circuit by-pass.

T—Detector filter condenser.

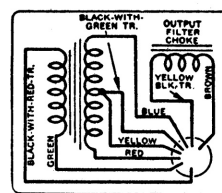
P—"Phone" condenser.

P—"Phone" condenser.

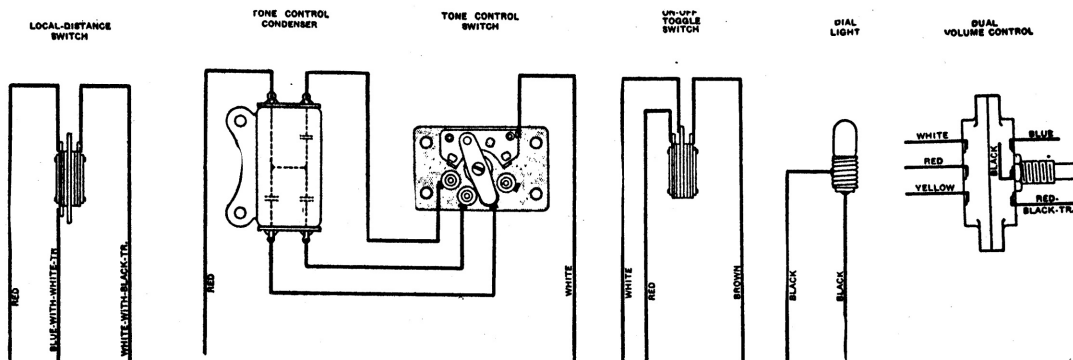
S—Detector filament by-pass.
R—3rd-R.F. filament by-pass.
R—3rd-R.F. filament by-pass.
O—2nd-R.F. filament by-pass.



No. 1 A. F. T.



2nd A. F. INPUT TRANSFORMER



However, if a No. 18350 (H-28) is used, "P" and "P" are at top and "H" and "T" are at bottom; therefore, the connections to this condenser are correspondingly changed

Models Q (Battery), D (DC) (1930)

1 RF
○
'22

2 RF
○
'22

3 RF
○
'22

1 AF
○
'12A

PILOT 6.0 V

71A
2 AF

71A

DET
○
'12A

FRONT