

Charles Freshman Co., Inc.

Model: EQUAPHASE

Chassis:

Year: Pre 1932

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

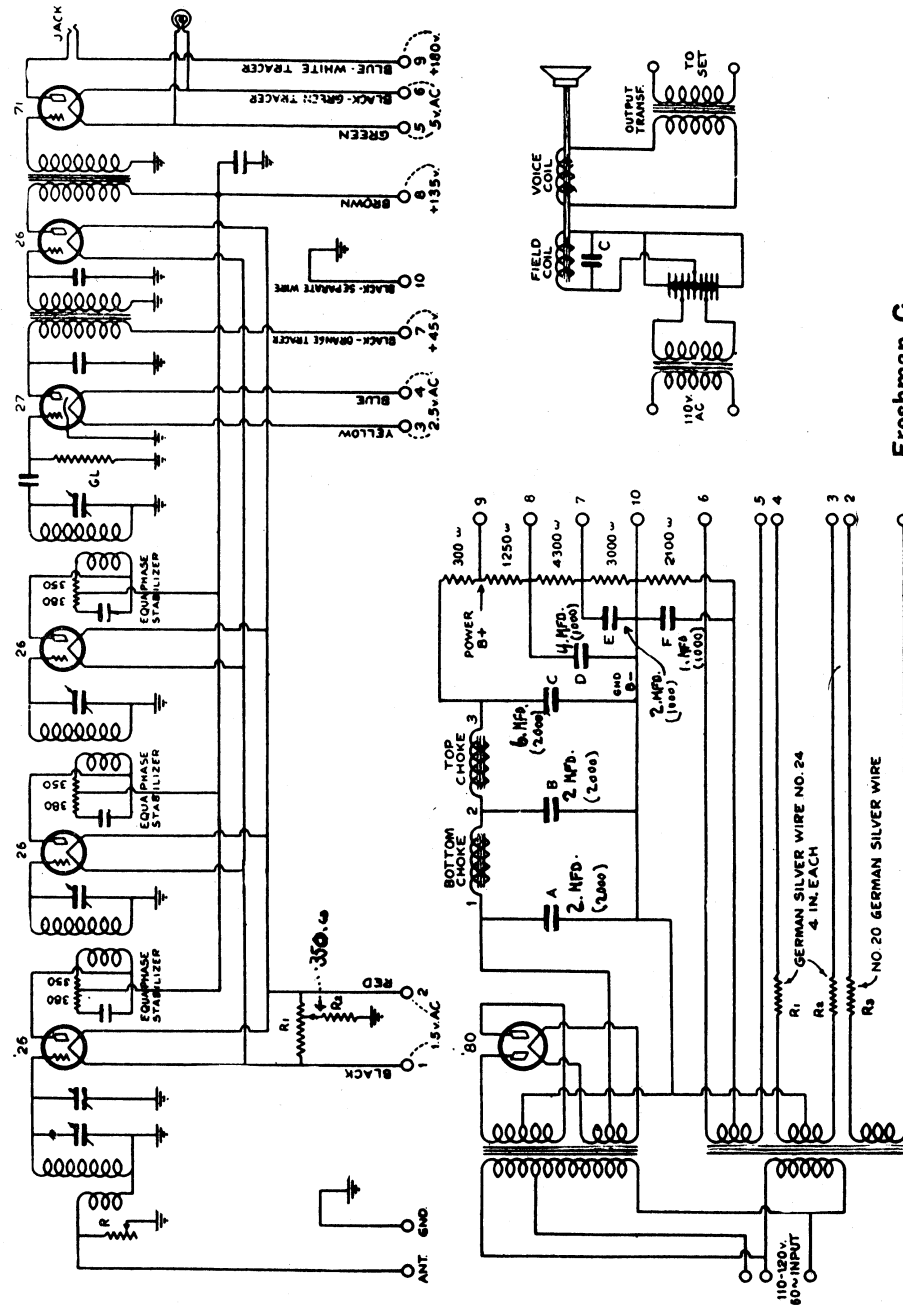
[Riders Volume 1 - FRESHMAN 1-1](#)

[Riders Volume 1 - FRESHMAN 1-2](#)

[Riders Volume 1 - FRESHMAN 1-3](#)

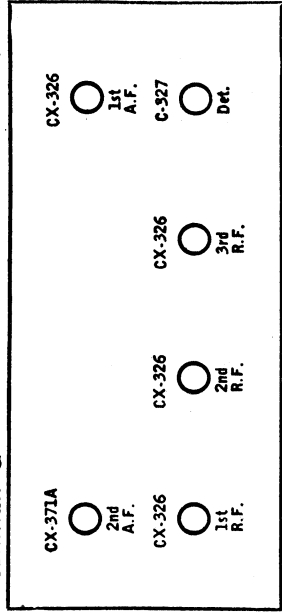
MODEL G

CHARLES FRESHMAN CO., INC.



Freshman G

(A.C.)



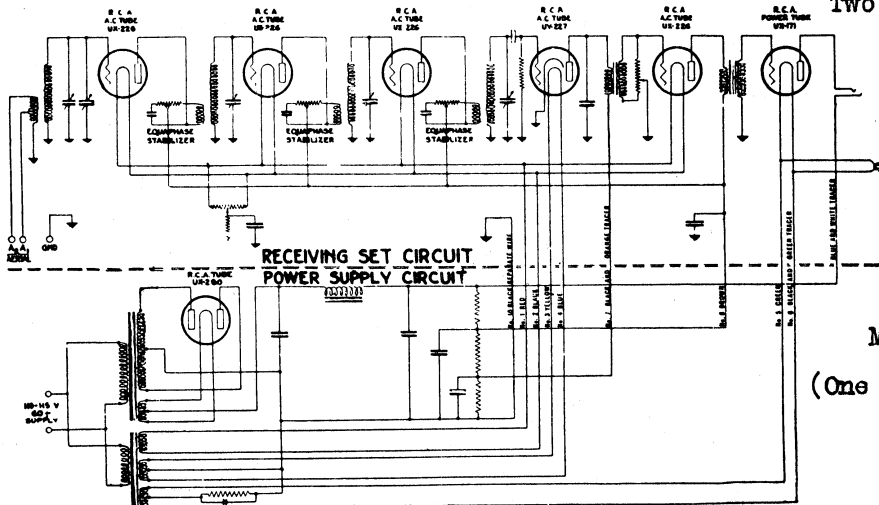
FRESHMAN—Model "G"
Line Voltage 120—120 Volt Tap

| TUBE NO. IN SOCKET OR SET | TYPE OF TUBE | TUNE OUT | | TUNE IN TAP | | TUNE IN TEST | | PLATE PLATE | | |
|---------------------------|--------------|-----------|------|-------------|------|--------------|----|-------------|------|-----|
| | | VOLTS | MA | VOLTS | MA | VOLTS | MA | VOLTS | MA | |
| 1 | 225 | 1st. R.F. | 1.45 | 140 | 1.35 | 135 | 9 | 5 | 9 | 4 |
| 2 | 226 | 2nd. R.F. | 1.45 | 140 | 1.35 | 135 | 9 | 5 | 9 | 4 |
| 3 | 227 | 3rd. R.F. | 1.45 | 140 | 1.35 | 135 | 9 | 5 | 9 | 4 |
| 4 | 228 | Detector | 2.5 | 140 | 2.00 | 50 | 0 | 5 | 3.1 | 1 |
| 5 | 229 | 1st. A.F. | 1.45 | 140 | 1.35 | 135 | 9 | 5 | 9 | 4 |
| 6 | 271A | 2nd. A.F. | 1.5 | 200 | 1.10 | 175 | 37 | 16.0 | 18.0 | 2.0 |
| 7 | 280 | Rectifier | - | - | 510 | - | - | 20 | - | - |

A. C. operated. To be used with model 9-60-5 Power Supply Unit using a CX-380.

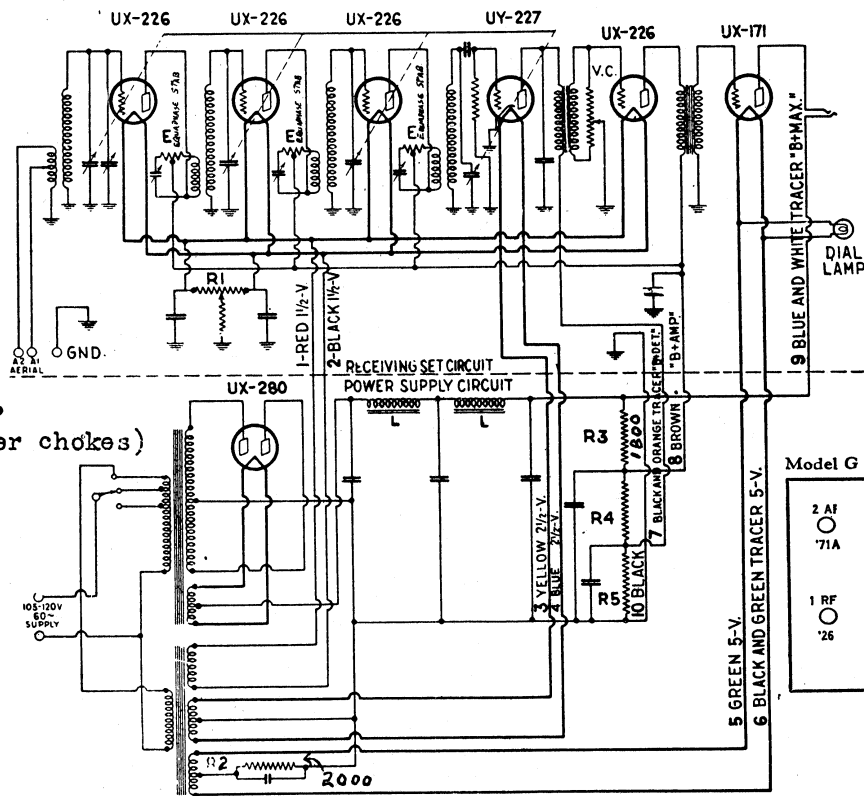
CHARLES FRESHMAN CO., INC.

MODEL G, with
G-60-S Power Unit
Two Types.

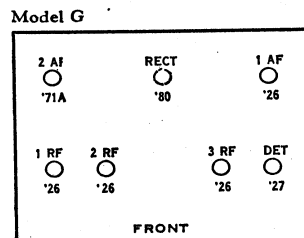


Model G.
(One filter choke)

Schematic diagram of Model "G" Chassis and Model G-60-S Power Supply.
Note the one choke coil in Power Supply Circuit.



Model G.
(Two filter chokes)



Circuits of the Freshman "Model G" Equaphase and the "Model G-60-S" Power Supply Unit.

| Tube | Fil. Voltage. | Plate Voltage. | Grid Voltage |
|------|---------------|----------------|--------------|
| RF1 | 1.5 | 130 | 7. |
| RF2 | 1.5 | 130 | 7. |
| RF3 | 1.5 | 130 | 7. |
| Det. | 2.5 | 50 | 0. |
| AF1 | 1.5 | 130 | 7. |
| AF2 | 5.0 | 180 | 40. |