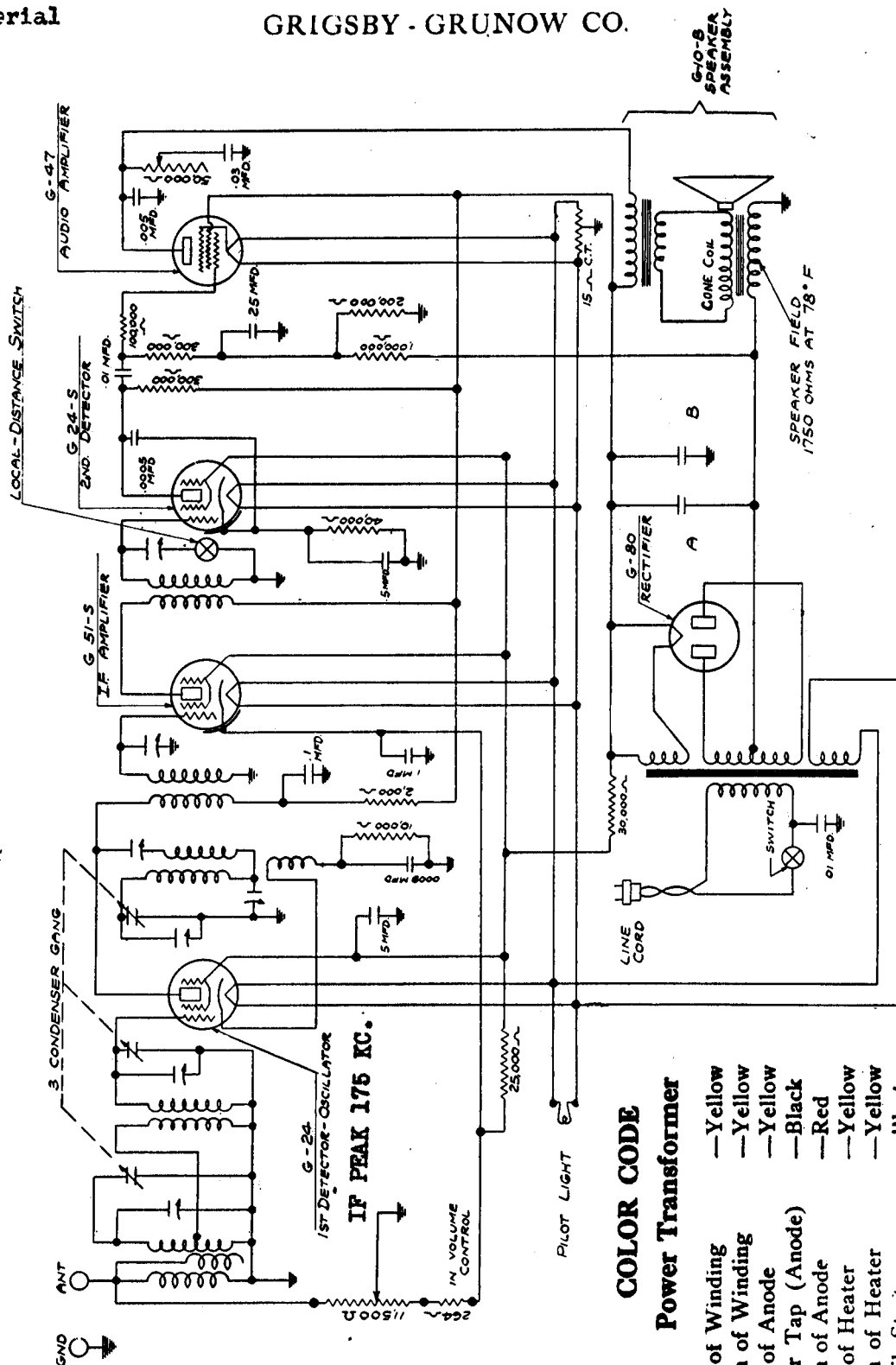




Grigsby-Grunow Co.

	Model: CHASSIS 15	Chassis:	Year: Pre June 1932
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		
Resources			
Riders 2 (II) MAJESTIC 2-4			
Riders 2 (II) MAJESTIC 2-5			
Riders 2 (II) MAJESTIC 2-6			

SCHEMATIC DIAGRAM OF MAJESTIC SCREEN GRID SUPERHETERODYNE RECEIVER
MODEL 15 (6S^{UP} TO 15S^{DOWN}) CHASSIS 115 AND 230 VOLTS, 25-50 AND 50-60 CYCLES
POWER REQD.—60 WATTS



COLOR CODE

PPG	Start of Winding	— Yellow
	Finish of Winding	— Yellow
	Start of Anode	— Yellow
	Center Tap (Anode)	— Black
	Finish of Anode	— Red
	Start of Heater	— Yellow
	Finish of Heater	— Yellow
	280 Fil. Start	— Black
	280 Fil. Finish	— Black

MODEL 15 Chassis (up to 65, 149 Incl.) 115-230 V. 25-50 & 50-60 Cycles - 60 Watts.

Model 15 Chassis
Employed in Havenwood, Ellswood and Sherwood Models

GRIGSBY - GRUNOW CO.

MODEL 15
Chassis ViewsVOLUME CONTROL
& ON AND OFF SWITCH
11,500 $\sim$

STATION SELECTOR

ACOUSTIC CONTROL
& STATIC MODIFIER2ND R.F. COIL
TUNING COND.10,000 $\sim$ ANT. STAGE
TUNING COND.

.0009 M.F.D.

G-24
1ST DET.
OSCILLATOR700-1100 M.M.F.D
OSCILLATOR
TRACKING
CONDENSER700-1100 M.M.F.D
0.1 M.F.D.
BY PASS COND.25,000 $\sim$
0.5 M.F.D.
SCREEN
BY PASS COND.0.1 M.F.D.
BY PASS COND.40,000 $\sim$
0.5 M.F.D..0005 M.F.D.
PLATE
BY PASS COND.
200,000 $\sim$

2ND R.F. COIL

0.25 M.F.D.
BY PASS COND.
MEG, OHM
RESISTOR

8 M.F.D. EACH

OSC. STAGE
TUNING COND.G-24S
2ND DET.100,000 $\sim$ 30,000 $\sim$ 300,000 $\sim$

LOCAL-DISTANCE SWITCH

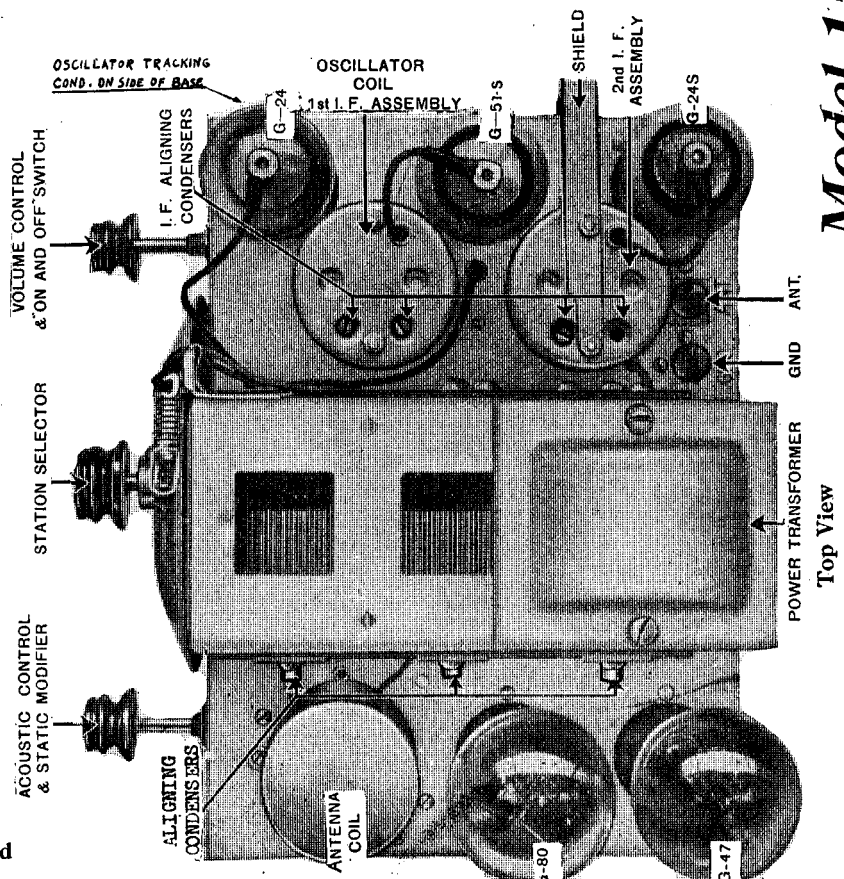
Bottom View Model 15 Chassis

Tube	Purpose	Type	Fil. Volts A.C.	Plate Volts D.C.	Grid Volts D.C.	Cathode Volts D.C.	Plate Current M.A. D.C.	Screen Volts D.C.
1st Det.-Osc.	I. F. Amplifier	G-24	2.5	250	...	9	0.9	90
		G-51-S	2.5	250	...	3.0**	7.0	90
2nd Detector	Power Amplifier	G-24-S	2.5	250	...	9	0.17	90
		G-47	2.5	250	-16.5*	...	32	250
Rectifier		G-80	5.0	250	...	...	54	...

Table of Voltages to Ground

*This cannot be measured with the customary 1000 ohm per volt meter because of the high resistance between the grid and ground. If there is any doubt about the pentode bias, check the 100,000 ohm, 1 megohm, 200,000 and 300,000 ohm resistors and .25 M.F.D. Condenser in this circuit and be sure the speaker field voltage is correct, 112 volts. Also measure the pentode plate and screen voltages and if they are 250 volts, the plate current should be 32 M.A.

**This should rise to 42 when the volume control is turned to minimum.



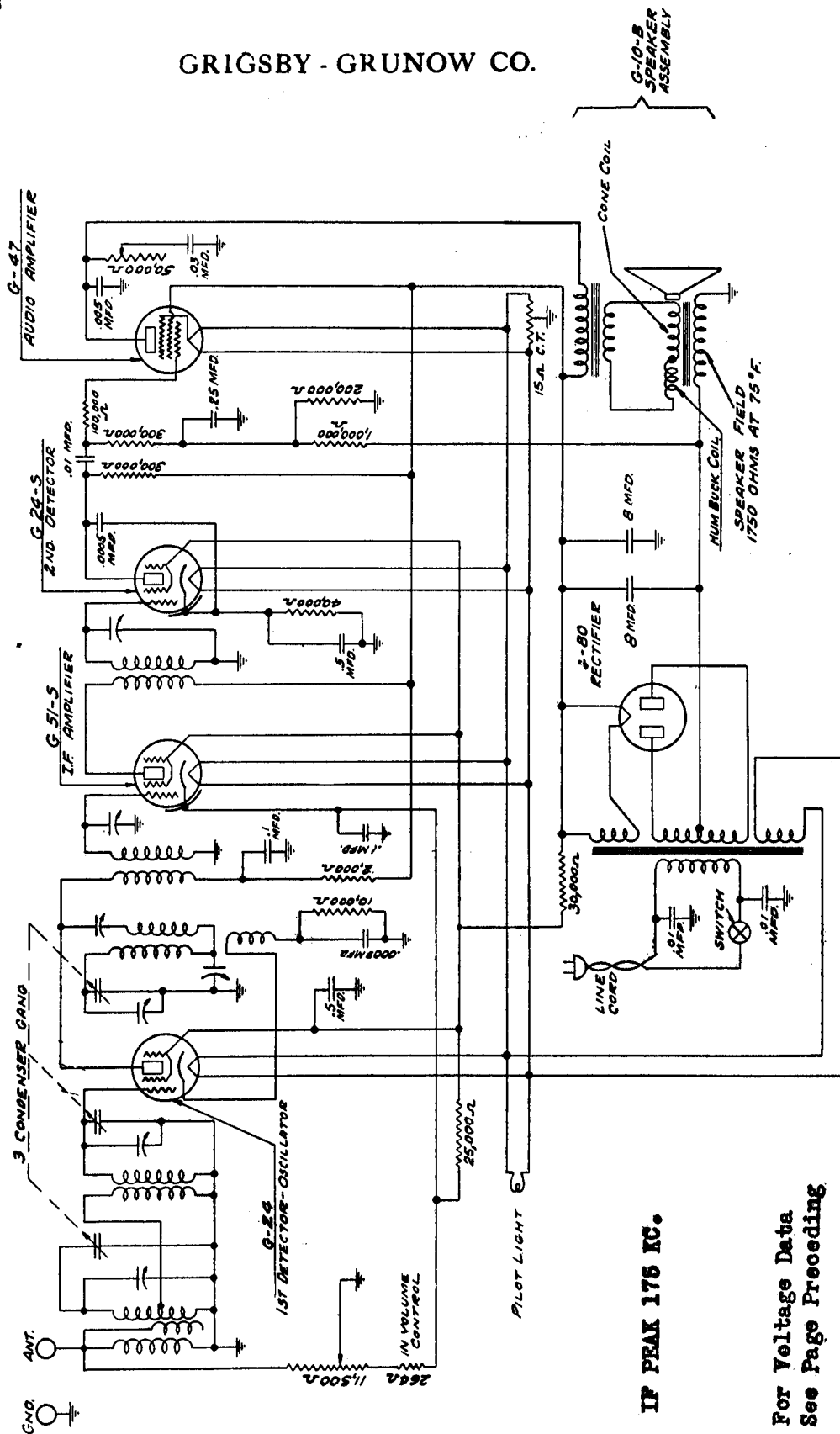
Model 15 Chassis

Top View

MODEL 15,15-B
Schematic
Above Serial
65150

GRIGSBY - GRUNOW CO.

SCHEMATIC DIAGRAM OF MAJESTIC SCREEN GRID SUPERHETERODYNE RECEIVER
MODEL 15 AND 15-B CHASSIS (SERIAL NO. 65,150 AND OVER) 115 AND 230 VOLTS, 25-50 AND 50-60 CYCLES.
POWER REQD.—60 WATTS.



For Voltage Data
See Page Preceding

Model 15B Chassis

Employed in Fyfewood Model