

PHILCO RADIO & TELEVISION CORP.

MODEL 41 DC, 42 DC

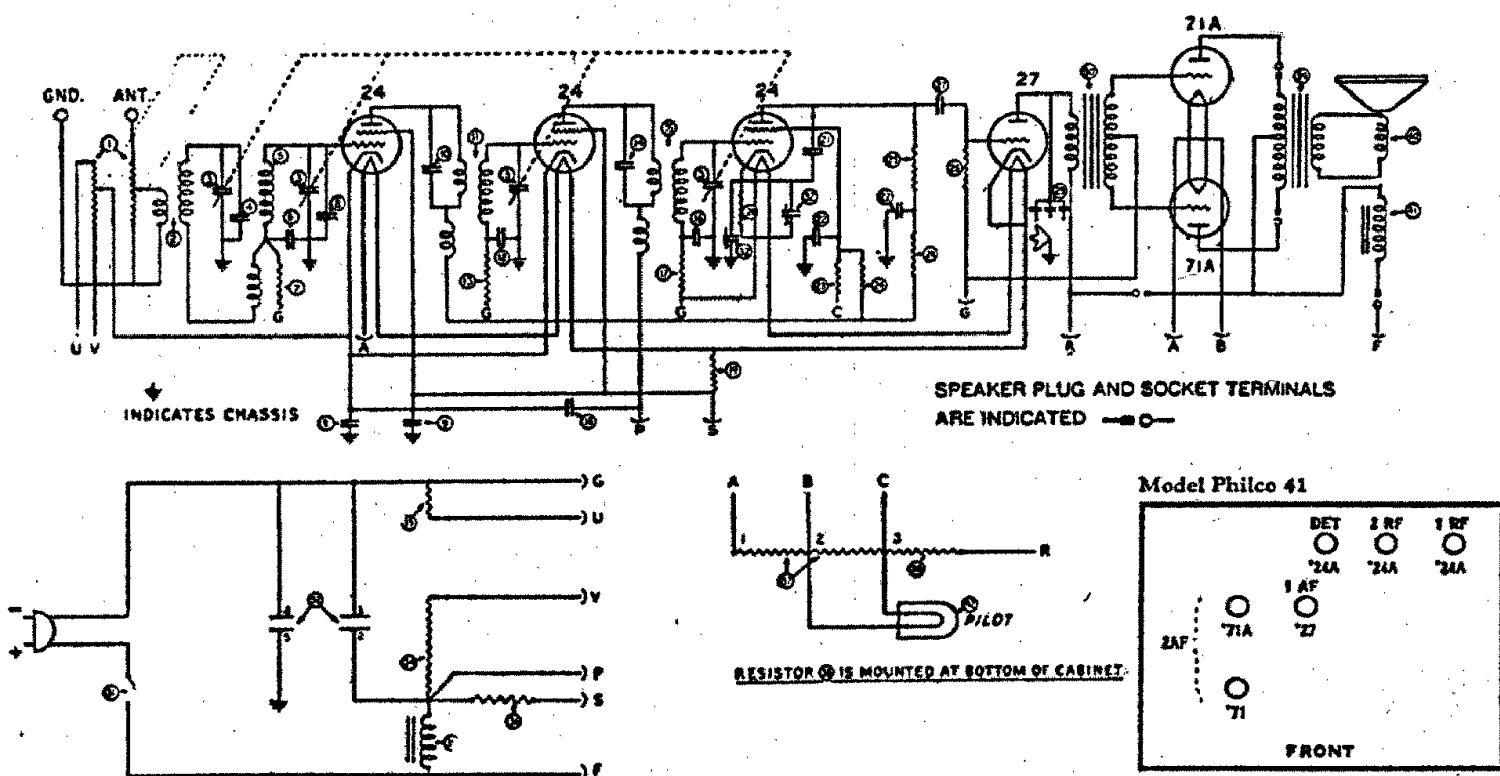


Table 1—TUBE SOCKET READINGS
Line Voltage 115

Tube	Circuit	Filament	Plate	Screen Grid	Control Grid	Plate Mills
24	1 R. F.	2.1	100	75	.4	2.7
24	2 R. F.	2.1	100	75	.4	2.7
24	Detector	2.1	45	15	1.8	...
27	1 A. F.	2.4	87	..	.2	2.7
71-A	2 A. F.	5	85	..	13	15
71-A	2 A. F.	5	85	..	13	15

Readings must be taken with volume control on full.

Always use high-resistance voltmeter, preferably 1000 ohms per volt, when checking voltages in the Receiver. For reading plate and screen voltages, use a 250- or 300-volt scale. Voltage readings taken with meters having less than 250,000 ohms resistance will be lower than voltages given in the table.

Table 2—RESISTOR VALUES

No. on Figs. 2 and 3	Terminals	Ohms Resistance
17-28		5,000
23		13,000
19-24		25,000
7-12		33,000
24		70,000
20-26		100,000
25-28		500,000
33		250
37	{1-2	4
	{2-3	2
33	(Note: 20-inch—External)	53

Table 3—CONDENSER CAPACITIES
(Other than Filter Condenser)

No. on Figs. 2 and 3	MFD. Capacity
27	.01
8-13-15-18	.05
9-22	.25
21	.0005

22 Filter Condenser

Part No. 4067

