



R-105-X PARTS LIST

Dist. Gram No.	Description	Dist. Gram No.	Description
1	Variable tuning condenser	37	10,000 ohm 1/2 watt insulated resistor
2	750,000 ohm 1/2 watt insulated resistor	38	Trimmer condenser
3	6,000 ohm 1/2 watt insulated resistor	39	Trimmer condenser
4	100 ohm 1/2 watt insulated resistor	40	Trimmer condenser assembly
5	40,000 ohm 1/2 watt insulated resistor	41	Double trimmer condenser
6	45,000 ohm 1/2 watt unshielded resistor	42	"G" tuning coil
7	2,000 ohm 1 watt insulated resistor	43	"W" oscillator tuning coil
8	150 ohm 1 watt unshielded resistor	44	I. F. Transformer tuning condenser
9	20,000 ohm 1/2 watt insulated resistor	45	"R. F." choke coil assembly
10	21,000 ohm 1/2 watt insulated resistor	46	3 V. pilot lamp
11	200 ohm 1 watt insulated resistor	47	Local distance switch
12	250,000 ohm 1/2 watt insulated resistor	48	25-60 cycle 115 V. Power
13	1.1 meg. ohm 1/2 watt insulated resistor	49	condenser
14	1,200 ohm 1 watt insulated resistor	50	Speaker cord and plug assembly
15	420 ohm wirewound I. F. C. resistor	51	Output transformer (new 3171)
16	7,200 ohm wirewound resistor	52	Speaker socket
17	150,000 ohm variable tone control	53	Speaker transformer and shell assembly
18	100,000 ohm variable tone control	54	A. C. Cord and plug assembly
19	60,000 ohm variable tone control	55	
20	1 mfd. .002 mfd. mica fixed condenser	56	
21	1 mfd. .002 mfd. mica fixed condenser	57	
22	1 mfd. .002 mfd. mica fixed condenser	58	
23	1 mfd. .002 mfd. mica fixed condenser	59	
24	.01 mfd. 600 V. tubular fixed condenser	60	
25	.01 mfd. 600 V. tubular fixed condenser	61	
26	.05 mfd. 400 V. tubular fixed condenser	62	
27	.02 mfd. 200 V. tubular fixed condenser	63	
28	.05 mfd. 200 V. tubular fixed condenser	64	
29	.01 mfd. mica fixed condenser	65	
30	.005 mfd. mica fixed condenser	66	
31	.001 mfd. mica fixed condenser	67	
32	.005 mfd. mica fixed condenser	68	
33	.001 mfd. mica fixed condenser	69	
34	.005 mfd. mica fixed condenser	70	
35	5-5 mfd. 25V. Electrolytic condenser	71	

VOLTAGE TABLE LINE VOLTAGE 115

Type of Tube	Tube Circuit	Filament Voltage	Plate to Chassis	Screen Grid to Chassis	Cathode to Chassis
Short Wave Oscillator	56	2.4	100	0	7.5
Short Wave Detector	57	2.4	10	10	2.5
R. F. Detector	58	2.4	255	85	3
1st Det. Broadcast Osc.	2A7	2.4	255	85	1.5
I. F.	59	2.4	255	85	3
2nd Det. A.V.C. Audio	55	2.4	50
Output	2A5	2.4	250	260	15
Rectifier	80	4.9

CAUTION

Readings must be taken with the set tuned to one of the short wave ranges, and the local-distance switch pulled out. All D.C. voltages are measured between the tube socket terminal and chassis, using a high resistance voltmeter of 1100 ohms per volt. Steckfils will cause readings up to 10% higher for higher range instruments. This variation is most marked for all detector and oscillator D.C. voltages. Readings taken with set testers plug into tube socket may deviate considerably from the values given in this table, due to their internal circuit arrangement.

SERIES 105X CHASSIS 1934

