For Models 62-PA and 62-PB — Chassis No. 68

Portable Radios for Standard Broadcast Reception

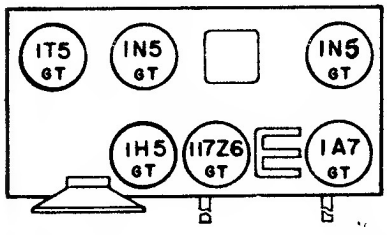
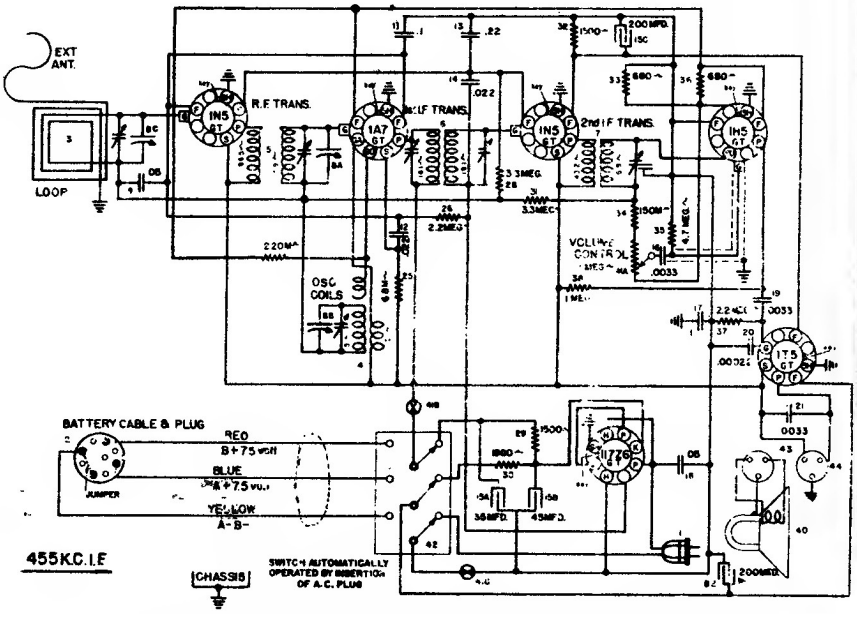
Measured from "B" minus using 1000 Ω/V — Voltmeter, 100 V. Range, no signal input

Tube		@ 117.5-Volt Line				Battery Pack			
Type	Function	Filament Volt	Plate Volt	Screen Volt	Cathode Volt	Filament Volt	Plate Volt	Screen Volt	Cathode Volt
1N5GT	R. F. Amplifier	3.8	.....	.....	.....	4.6	75	75	.....
1A7GT	Osc. Modifier	2.6	80	31	.....	3.1	75	28	.....
1N5GT	I. F. Amplifier	5.0	80	80	.....	6.1	75	75	.....
1H5GT	Det.-A. V. C. 1st A. F.	1.3	7	.....	.....	1.6	4.5	.....	.....
1T5GT	Out Put	6.2	72	80	100	7.7	68	75	.....
117Z6GT	Rectifier	117.5 A. C.	117.5 A. C.	.....	.....				

ALIGNMENT PROCEDURE — Volume Control on full Output meter connected to Plate and Screen of 1T5GT

SIGNAL GENERATOR FREQUENCY SETTING	CONNECTION TO RADIO	DUMMY ANTENNA	TUNING COND. SETTING	TRIMMERS TO ADJUST (See Fig. 1)	REMARKS
455 Kc	Ant. Lead	.0001 MF	Fully open	2nd 1-F (1) front chassis flange	Adjust for maximum signal.
455 Kc	Ant. Lead	.0001 MF	Fully open	1st 1-F (2)	Adjust for maximum signal. Located top of 1st 1-F ass'y.
1650	Ant. Lead	.0001 MF	Fully open	"OSC" Shunt on gang	Adjust for maximum output. Gang does not have to tune through signal.
1400	Ant. Lead	.0001 MF	140 on dial	"ANT" shunt on gang	Adjust for maximum output.
1400	Ant. Lead	.0001 MF	140 on dial	"RF" shunt on gang	Adjust for maximum output.
600	Ant. Lead	.0001 MF	60 on dial	Iron core in "OSC" coil	Adjust for maximum output while rocking gang.

Repeat above for more accurate adjustments
Maximum power output @ 75 V. "B" — approx. 200 M. W.

A Battery drain @ 6 volts, .05 Amp.; "B" Battery drain @ 75 V., 9 M. A.; @
Power consumption @ 117.5 volts line — 25 Watts

Item No.	Part No.	Description
1	—49775	Power Cable and Plug
2	—132205-1	Battery Cable and Plug
3	GB—132196-1	Loop Antenna Assem.
4	G623—32002	Osc. Coil
5	G116—32001	R.F. Trans.
6	G268—32004	1st I.F. Trans.
7	Wd. Scr. (5)	2nd I.F. Trans.
8A	—132168-1	Var. Cond. R.F. Section
8B		Var. Cond. Osc. Section
8C		Var. Cond. Ant. Sect.
9	G65—39001	Cond. .05 Mf. 200 V.
10	None	
11	G67—39001	Cond. .1 Mf. 200 V.
12	G63—39001	Cond. .022 Mf. 200 V.
13	G69—39001	Cond. .22 Mf. 200 V.
14	G63—39001	Cond. .022 Mf. 200 V.
15A	—132144-1	Cond. 35 Mfd. Electro
15B		Cond. 45 Mfd. Electro
15C		Cond. 200 Mfd. Electro
16	G10—39001	Cond. .0033 Mf. 600 V.
17	G67—39001	Cond. .1 Mf. 200 V.
18	G65—39001	Cond. .05 Mf. 200 V.
19	G10—39001	Cond. .0033 Mf. 600 V.
20	G9—39004	Cond. .00022 Mf.
21	G10—39001	Cond. .0033 Mf. 600 V.
25	G18—39002	Res. 68 M Ohm ¼ W.
26	G27—39002	Res. 2.2 Meg. Ohm ¼ W.
27	G21—39002	Res. 220 M Ohm ¼ W.
28	G28—39002	Res. 3.3 Meg. Ohm ¼ W.
29	G8—39002	Res. 1500 Ohm ¼ W.
30	—132502-1	Res. 1900 Ohm Candohm
31	G26—39002	Res. 3.3 Meg. Ohm ¼ W.
32	G8—39002	Res. 1500 Ohm ¼ W.
33	G6—39002	Res. 680 Ohm ¼ W.
34	G20—39002	Res. 150 M Ohm ¼ W.
35	G29—39002	Res. 4.7 Meg. Ohm ¼ W.
36	G6—39002	Res. 680 Ohm ¼ W.
37	G27—39002	Res. 2.2 Meg. Ohm ¼ W.
38	G25—39002	Res. 1 Meg. Ohm ¼ W.