

PHILCO

REG. U.S. PAT. OFF.

Radio Service Bulletin—No. 56

Models 90 and 90-A Receivers

Model 90 Receivers are for Operation on 105-125 volt, 50-60 cycle AC Lines.
 Model 90-A Receivers are for Operation on 105-125 volt, 25-60 cycle AC Lines.

Table 1—Tube Socket Readings Taken with AC Set Tester, AC Line, 115 Volts

Tube		Filament Voltage	Plate Voltage	Grid Voltage	Screen Grid Voltage	Cathode Voltage	Plate Milliamperes
Type	Circuit						
24	1st R. F.	2.1	250	3.3 0	83	15 3.5	3
27	Osc.	2.1	60	1 -7	...	15 3.5	2
24	1st Det.	2.1	250	5.5 0	23 81	15 6	.5
24	1st I. F.	2.1	250	3.8 0	80	15 3.4	4.5
24	2nd Det.	2.1	48 170	3.7 -4	0 42 18	15 19	3
27	1st Audio	2.1	140	.25 -9	...	10 0.3	....
45	Audio	2.2	243	46 -10	...	...	30
45	Audio	2.2	243	46 -10	...	...	30
80	Rect.	4.5	...	...	...	...	...

All readings taken with antenna disconnected and ground on. Volume Control on full.