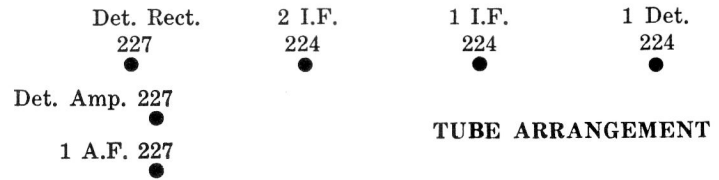


**PHILCO**  
**Models 111 and 111-A**  
**1930-31**



**Tube Socket Readings Taken with AC Set Tester AC Line—115 volts**

Circuit	Filament Volts	Plate Volts	Screen Grid Volts	Control Grid Volts	Cathode Volts	Plate Milli-Amperes	Screen-Grid Milli-Amperes †	Socket Pin
1st R. F.	2.1	190	60	.2	5	1.7	1.75	(1)
Osc.	2.1	45	.62	.7	7	1.6	.15	(2)
1st Det.	2.1	180	65	4.6	8	.5†	.00011	(3)
1st I. F.	2.1	185	82	2.2	5	1.5	.0007	(4)
2nd I. F.	2.1	190	. . .	.4	5	3	.00005	(5)
Det. Rect.	2.2	. . .	. . .	.4	.5	. . .	. . .	(6)
Det. Amp.	2.2	35	. . .	11.2	5	. . .	.0025	(7)
1st A. F.	2.1	95	. . .	50	5	4	.015	(8)
2nd A. F.	2.2	255	. . .	50	. . .	32.5	.05	(9)
2nd A. F. Rect.	4.9	255	. . .	. . .	. . .	50/Plate	.05	(10)

**Note**—Volume Control Off; Station Selector turned to Low Frequency End; Range Switch set in "Normal" Position.

**1 F. 175 Kc**