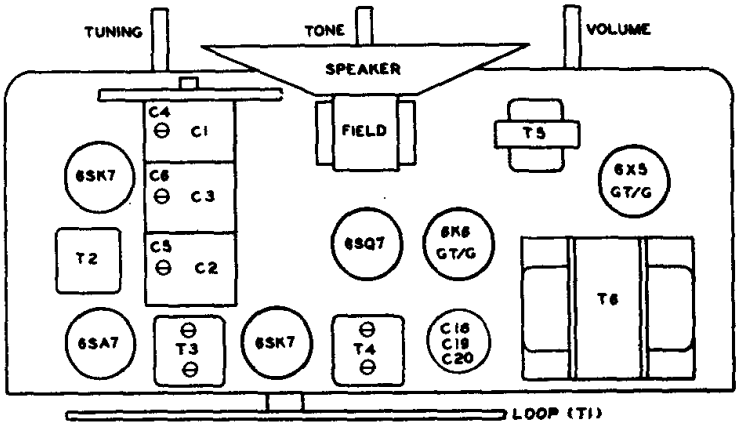
Hoffman RADIO CORP.

MODEL A300
CHASSIS 100
CHASSIS 100S

Hoffman Model A300 with Chassis number 100S is electrically identical with Chassis number 100 except for the following:

1. Five-inch P.M. speaker, part number 9003, has been substituted for 4 x 6 inch oval dynamic speaker, part number 9000.
2. A 1500-ohm resistor, part number 4701, has been connected in the filter circuit in place of the 1500-ohm speaker field.

These changes have been incorporated in the schematic diagram shown below.



SYMBOL	DESCRIPTION	HOFFMAN NO.
C1-C2-C3	Three-Section Variable (388-388-180 Mmf.)	4400
C4, C5, C6	Trimmers; Part of Variable Condenser	
C7, C8	.05 Mfd, 200 Volt, Tubular Paper	4100
C9, C12, C13, C15	100 Mmf ±20%, Mica	4000
C10, C11	.05 Mfd, 400 Volt, Tubular Paper	4101
C14, C16	.005 Mfd, 600 Volt, Tubular Paper	4102
C17	.01 Mfd, 600 Volt, Tubular Paper	4103
C18-C19-C20	Dry Electrolytic Condenser (20-20-20 Mfd 450-450-25 Volt)	4200
C21	.001 Mfd, 600 Volt, Tubular Paper	4104
C22	.01 Mfd, 600 Volt, Tubular Paper (Metal Can)	4105
L1	Oscillator Coil	5200
LS	5" PM Loudspeaker	9003
R1, R8	.22 Megohm ±20%, ½ Watt	4500
R2	22,000 Ohm ±20%, ½ Watt	4501
R3	2.2 Megohm ±20%, ½ Watt	4502
R4	10,000 Ohm ±10%, 2 Watt	4503
R5	47,000 Ohm ±20%, ½ Watt	4504
R6	.5 Megohm Potentiometer (Volume)	4800
R7	10 Megohm ±20%, ½ Watt	4505
R9	.47 Megohm ±20%, ½ Watt	4506
R10	560 Ohm ±10%, ½ Watt	4507
R11	.25 Megohm Potentiometer With Switch (Tone)	4801
R12	47 Ohm ±20%, ½ Watt	4508
R13	330 Ohm ±20%, ½ Watt	4509
R14	1500 Ohm ±10%, 10 Watt, W.W.	4702
S1	On-Off Switch (On Tone Control)	
T1	Antenna Loop	5201
T2	R.F. Coil (Shielded)	5202
T3	Input I.F. Transformer (455 K.C.)	5203
T4	Output I.F. Transformer (455 K.C.)	5204

PIN NO.	1	2	3	4	5	6	7	8
6SK7 (R.F.)	0	0	0	−.5	0	+85	6.1A.C.	+227
6SA7	0	0	+227	+85	−7	0	6.1A.C.	−.7
6SK7 (I.F.)	0	0	0	−.7	0	+85	6.1A.C.	+227
6SQ7	0	−.5	0	−.25	0	+95	6.1A.C.	0
6K6GT/G	0	0	+217	+227	0	+325 *	6.1A.C.	+15
6X5GT/G	0	6.1A.C.	290A.C.	—	290A.C.	—	0	+325

D.C. voltages measured with 20,000 ohm/volt meter.
A.C. voltages measured with 1,000 ohm/volt meter.
All voltages measured with reference to chassis.
Line voltage 117.5.

* Means tie point.

NOTE: The above readings are obtained with no signal input to the receiver.