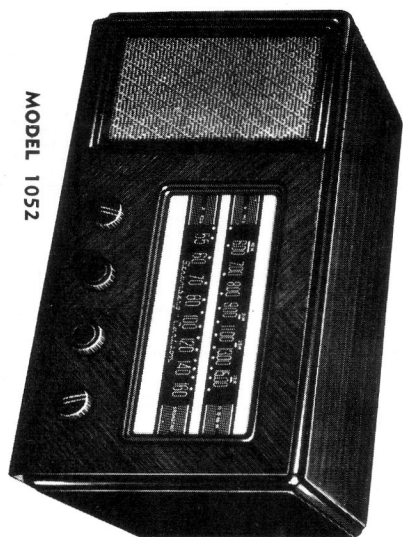
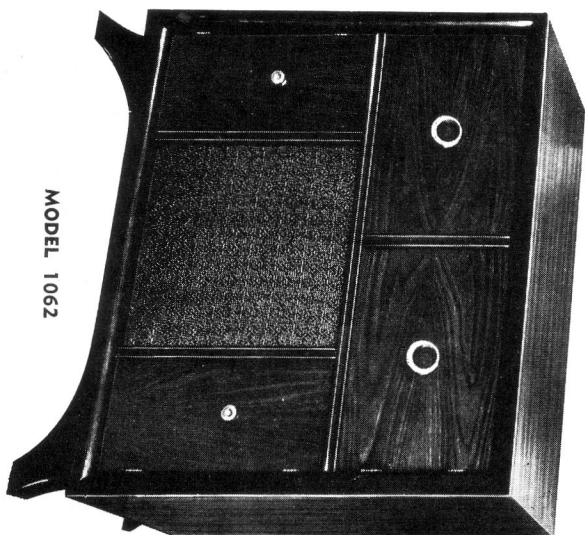


Stromberg-Carlson Models 1052 & 1062 A.C. Receiver Schematic, Specifications & Pictures



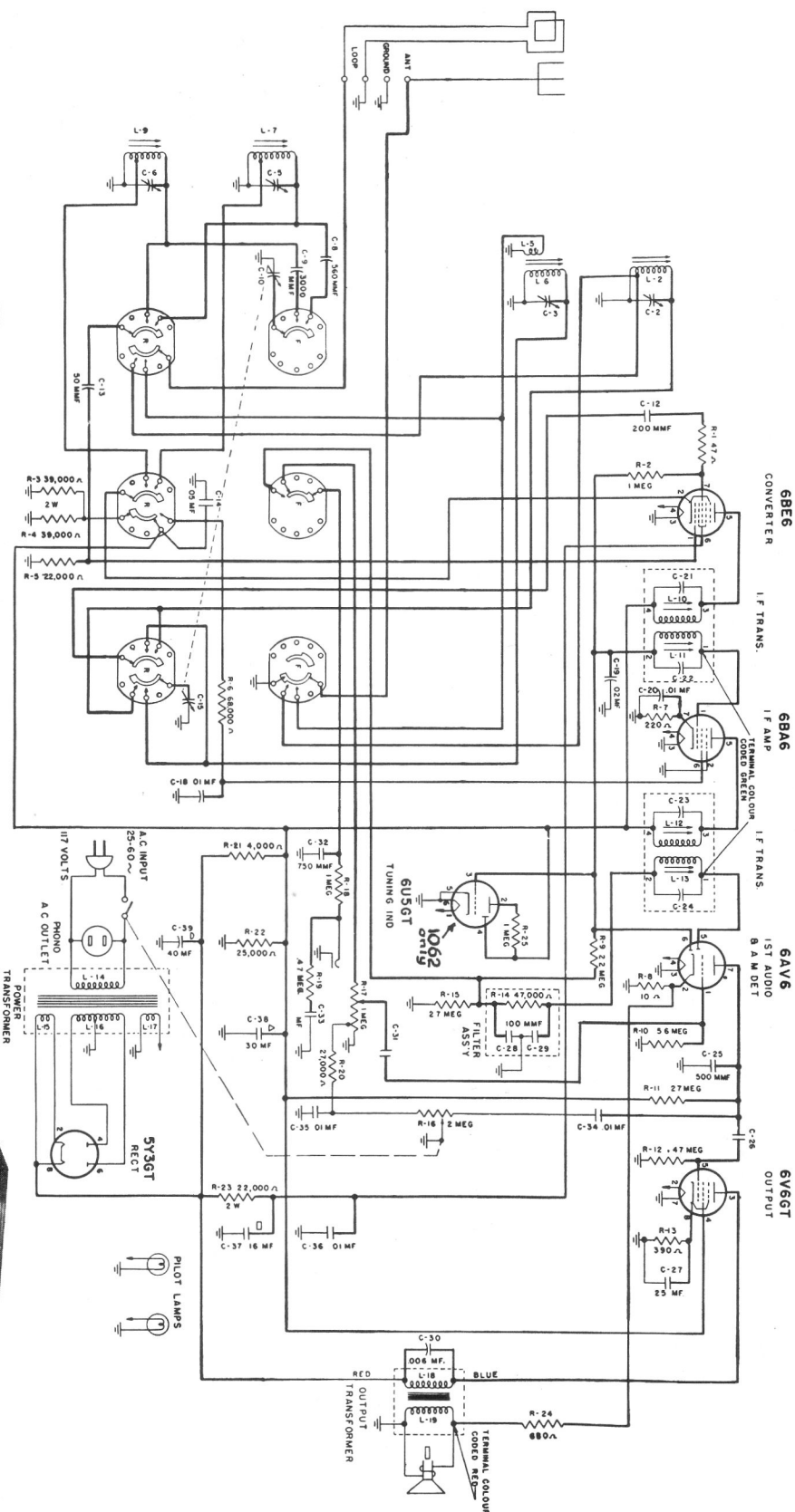
MODEL 1052

Speaker Voice Coil Impedance
Model 1052—5½" P.M. 3.5 ohms
Model 1062—12" P.M. 6-8 ohms
Power Output
Model 1052—7 watts maximum
Model 1062—8 watts maximum
Model 1062—4 watts 10% distortion
Input Power Rating 65 watts at 117 line volts
Intermediate Frequency 455 kc.



MODEL 1062

NOTES
 RANGE SWITCH SHOWN IN PHONO POSITION
 "F" INDICATES SWITCH ELEMENTS ON FRONT SIDE OF WAFER
 "R" INDICATES SWITCH ELEMENTS ON REAR SIDE OF WAFER



IDENTIFICATION TABLE			
Model	Chassis	Cabinet	Speaker
1052W	02718	02716	155071
1062W	02824	02819	155976
1062M	02824	02820	155976
			148970—25 cycle
			148971—60 cycle

SPECIFICATIONS

Voltage Rating	105-125 Volts A.C.
Type of Circuit	"A" Superheterodyne
Tuning Range	"B" Band 535 kc.-1625 kc. "B" Band 3.6 mc.-16 md.

ALIGNMENT PROCEDURE FOR 1052 and 1062

I. F. ALIGNMENT

Band and Pointer Setting	Generator Setting	Input and Dummy	Meter Connections	Trimmer Adjustments and Notes
Band Switch in Broad-cast Position. Pointer setting lower end of band.	455 KC.	Signal Generator through 1 mid-c. capacitor to pin No. 1 of 6BA6 I.F. amplifier socket.	Output meter across voice coil.	Adjust the iron cores (top and bottom) of the 2nd I.F. transformer L12, L13 for maximum output. Input signal should be approximately 3000 uvs.
Band Switch in Broad-cast Position. Pointer setting lower end of band.	455 KC.	Signal Generator through 1 mid-c. capacitor to pin No. 1 of 6BE6 I.F. amplifier socket.	Output meter across voice coil.	Adjust the iron cores (top and bottom) of the 1st I.F. transformer L1, L2 for maximum output. Input signal should be approximately 30-40 uvs. Return to the 2nd I.F. and adjust the bottom core L13 to obtain maximum overall sensitivity. Do NOT touch any of the other cores.

R. F. ALIGNMENT "A" BAND

1500 KC. "A" Band	1500 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(1) Adjust the oscillator trimmer capacitor C5 for maximum output and correct calibration.
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600 KC.	600 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(2) Adjust the D.C. oscillator iron core L7 for maximum output and correct calibration.
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1500 KC.	1500 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(3) Repeat steps 1, 2 until no further improvement is noted.
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600 KC.	600 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(4) Adjust the antenna trimmer C7 for maximum output and correct calibration.
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1500 KC.	1500 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(5) Adjust the antenna coil L2 iron core for maximum output and correct calibration.
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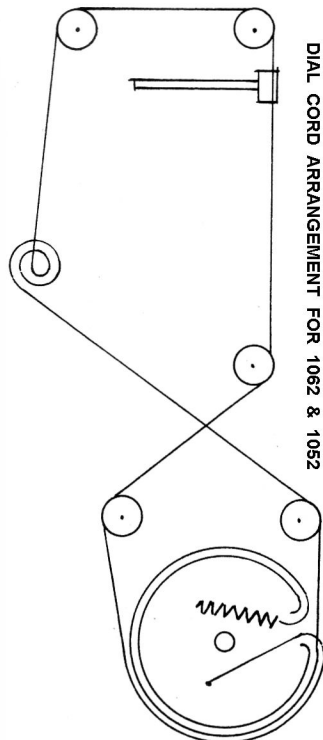
600 KC.	600 KC.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 ohm resistor. The loop antenna must be connected across the loop terminals.	Output meter across voice coil.	(6) Repeat steps 4 and 5 until no further improvement is noted.
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"B" Band 15 Mcs.	15 Mcs.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	(7) Adjust the oscillator trimmer capacitor C6 for maximum output and correct calibration.
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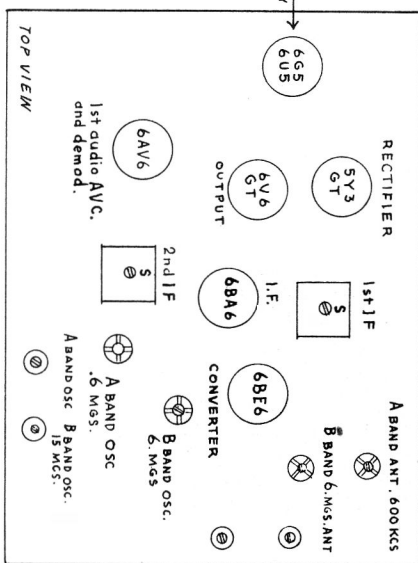
6 Mcs.	6 Mcs.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	(8) Adjust the "B" band oscillator iron core L8 for maximum output and correct calibration.
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15 Mcs.	15 Mcs.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	(9) Repeat steps 7 and 8 until no further improvement is noted.
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WITH THE GANG CONDENSER PLATES FULLY MESHED SET THE POINTER TO THE CALIBRATION POINT AT THE TOP LEFT HAND END OF THE DIAL PLATE.



1052 and 1062
TUBE LAYOUT AND TRIMMER LOCATIONS



VOLTAGE CHART FOR MODEL 1052 and 1062

SOCKET	FUNCTION	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8
6C5	Rectifier	0	345	0	(320)	0	(320)	0	345
6V6	Power Output	0	0	330	230	0	0	(6.45)	13
6AT6	Detector AVC	-3	0	0	(6.45)	-25	-4	65	—
6BA6	I.F. Amplifier	-4	0	0	(6.45)	230	95	-17	—
6BE6	Converter	-4.75	0	0	(6.45)	230	142	125	—

Total D.C. current drain 67. ma. Line volts 117. Frequency 25 cycles. Taken with a Weston No. 779 Analyzer. Figures in parentheses are AC readings.