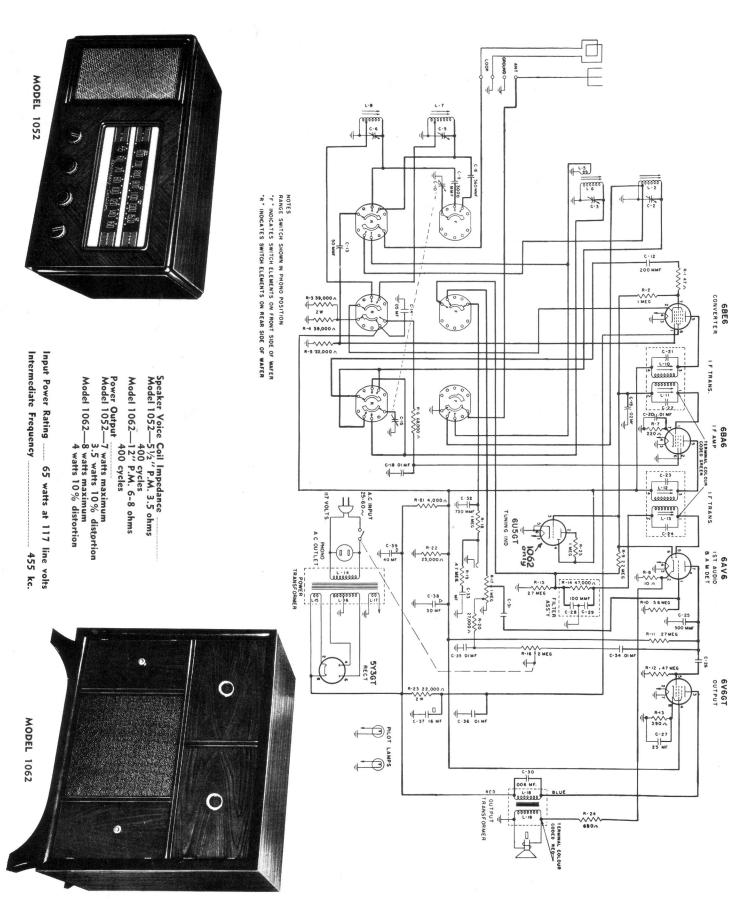
Stromberg-Carlson Models 1052 & 1062 A.C. Receiver Schematic, Specifications & Pictures



IDENTIFICATION TABLE

Model 1052W 1062W 1062M
Chassis 02718 02824 02824
Cabinet 02716 02819 02820
Speaker 155071 155976 155976
Phono Equip. None 148970—25 cycle 148971—60 cycle

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Tuning Range ("A" Band 535 kc1625 kc. ("B" Band 5.6 mc16 md.	Type of Circuit Superheterodyne	Voltage Rating 105-125 Volts A.C.
1—5Y3GT Rectifier 1—6U5 Tuning Indicator (1062) only	1—6V6GT Output Amplifier	1—6BA6 I.F. Amplifier

1—6V6GT	1-6AV6	1-6BA6	1—6BE6	
	Detector,			
Output	Detector, A.V.C., First Audi	F		
Amplifier	irst Audio	Amplifier	Converter	

ALIGNMENT PROCEDURE FOR 1052 and 1062

ter Adjust the iron cores (top and bottom) of the Znd I.E. transformer I.I.z., L13 for maximum output with minimum input signal. Input should be approximately 3000 uvs.	F. across voice coil. Output meter	Signal Generator through .1 mfd. ca- pacifor to pin No. 1 of 68A6 i.F. amplifier socket. Signal Generator through .1 mfd. ca- pacifor to pet. Mo. 7 to 6BE6 i.F.	455 KC.	Band Switch in Broad- cast Position. Pointer sething lower end of band. Band Switch in Broad- cast Position. Pointer sething lower end of
	MENT	I.F. ALIGNMENT		
s Trimmer Adjustments and Notes	Meter Connections	Input and Dummy	Generator Setting	Band and Pointer Setting

R.F. ALIGNMENT "A" BAND

Return to the 2nd I.F. and adjust the bottom core L13 to attain maximum overall sensitivity and correct tracking. After this adjustment is made, DO NOT touch any of the other cores.

"A" Band	With gang capacitor fully r
1500 KC.	neshed, adjust
Connect a 30% modulated signal to Out the antenna ground terminals through acre a standard RE dummy antenna or 200 voic mfd. capacitor. The loop antenna must be connected across the loop terminals.	With gang capacitor fully meshed, adjust the pointer to coincide with the two calibration marks at the extreme low frequency end of the dial scal
Output meter (1) across voice coil.	on marks at the ext
Adjust the oscillator frimmer capacitor C5 for maximum output and correct call- bration.	reme low frequency end of the dial scale.

1500 KC.	600 KC.
1500 KC.	600 KC.
Connect a 30% modulated signal to the antenna ground terminals through a standard RE dummy antenna or 200 mfd. capacitor. The loop antenna must be connected across the loop terminals.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 mfd. capacitor. The loop antenna must be connected across the loop terminals.
Output meter across voice coil.	Output meter across voice coil.
(4) Adjust the antenna trimmer C2 for maximum output, rocking the gang for correct peak.	(2) Adjust the D.C. oscillator iron core L7 for max.mum output and correct calibration. (3) Repeat steps 1, 2 until no further improvement is noted.

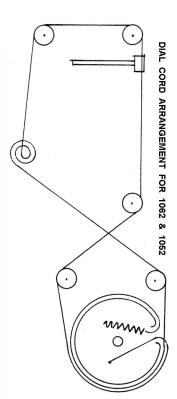
ĸ.	O KC
600 KC.	1500 KC.
Connect a 30% modulated signal to the automa ground terminals through a standard IRE dummy antenna or 200 mfd. capacitor. The loop antenna must be connected across the loop terminals.	Connect a 30% modulated signal to the antenna ground terminals through a standard IRE dummy antenna or 200 mfd. capacitor. The loop antenna must be connected across the loop terminals.
Output meter across voice coil.	Output meter across voice coil.
6 9	<u> </u>
(5) Adjust the antenna coil L2 iron core for maximum bulput, rocking the gang for core to pak. (6) Repeat steps 4 and 5 until no further improvement is noted.	(4) Adjust the antenna frimmer C2 for maxi- mum output, rocking the gang for correct peak.

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			77	R.F. ALIGNMENT "B" BAND	" BAND		
1	"B" Band 15 Mcs.	15 Mcs.	Remove the generator to minals.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	(7)	(7) Adjust the oscillator trimmer capacitor C6 for maximum output and correct calibration.
1	6 Mcs.	6 Mcs.	Remove the generator to minals.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	(8)	(8) Adjust the "B" band oscillator iron core L8 for maximum output and correct calibration.
						9	(9) Repeat steps 7 and 8 until no further improvement is noted.
	15 Mcs.	15 Mcs.	Remove the generator to minals.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	10)	(10) Adjust the antenna trimmer C3 for maximum output, rocking the gang for correct peak.
ı	6 Mcs.	6 Mcs.	Remove the generator to minals.	Remove the loop. Connect signal generator to antenna ground terminals.	Output meter across voice coil.	=	(11) Adjust the antenna coil iron core L4 for maximum output, rocking the gang for correct peak.
						12)	(12) Repeat steps 10 and 11 until no further improvement is noted.

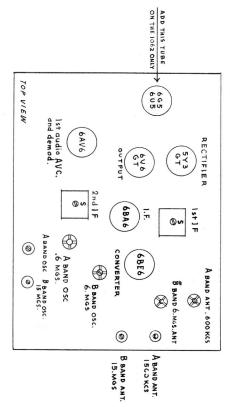
NOTE: When adjusting the high frequency oscillator trimmer, two peaks will be noted. The highest frequency (trimmer furthest out) peak is the cerrest one. Unless this one is used, it will be impossible to arbain correct racing, Soneted. The highest frequency intimmer a similar condition is mored. However, in this case the lowest frequency (trimmer furthest in) peak is the correct one.



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 1057 1063

	VOL.	VOLIAGE CHAKI FOR MODEL 1052 and 1062	AX - 70	× 30	DEL 105	2 and	290		
SOCKET	FUNCTION	PIX	PIN 2	P N S	P Z 4	PIN	P N o	PIN 7	Z Z
5Y3GT	Rectifier	0	345	0	(320)	0	(320)	0	345
6V6GT	Power Output	0	0	330	230	0	0	(6.45)	
6AT6	Detector AVC 1st Audio	i.	0	0	(6.45)	25	4	65	1
6BA6	I.F. Amplifier	.4	0	0	(6.45)	230	95	17	ı
6 BE 6	Converter	-4.75	0	0	(6.45)	230	142	125	ı

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.