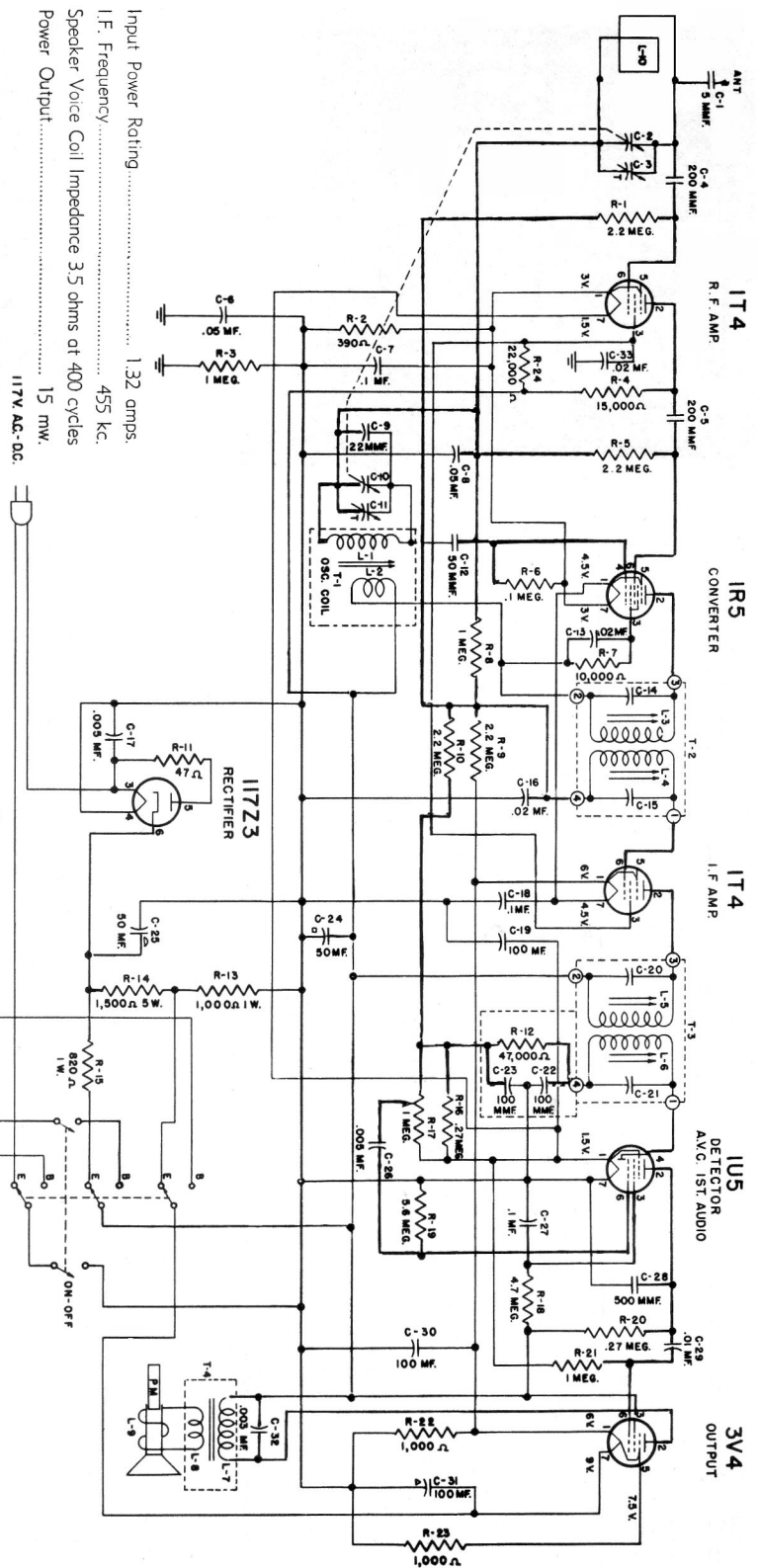


Stromberg-Carlson Model 9961 AC/DC & Battery Receiver Schematic & Alignment



ALIGNMENT PROCEDURE 9961

Band and
Pointer Setting

Generator
Setting

Input and Dummy

Meter Connection

Trimmer Adjustment and Notes

I.F. ALIGNMENT

Set pointer near
middle of scale

455 kc.

.1 mfd. pin #6
of 1T4 socket

Output meter
across voice
coil

1. Adjust iron cores (top and bottom) on second I.F.
transformer for maximum output with minimum
input.

2. Adjust iron cores (top and bottom) on first I.F.
transformer for maximum output with minimum
input.

Repeat steps 1 and 2

R.F. ALIGNMENT

1500 kc. cali-
bration mark

1500 kc.

Standard Hazeltine
loop or equivalent

Output meter
across voice coil

1. Adjust the oscillator trimmer capacitor C11 for
correct calibration and maximum sensitivity.

600 kc. cali-
bration mark

600 kc.

Standard Hazeltine
loop or equivalent

Output meter
across voice coil

2. Adjust the oscillator coil L1, L2 iron core for correct
calibration and maximum sensitivity.

1500 kc. cali-
bration mark

1500 kc.

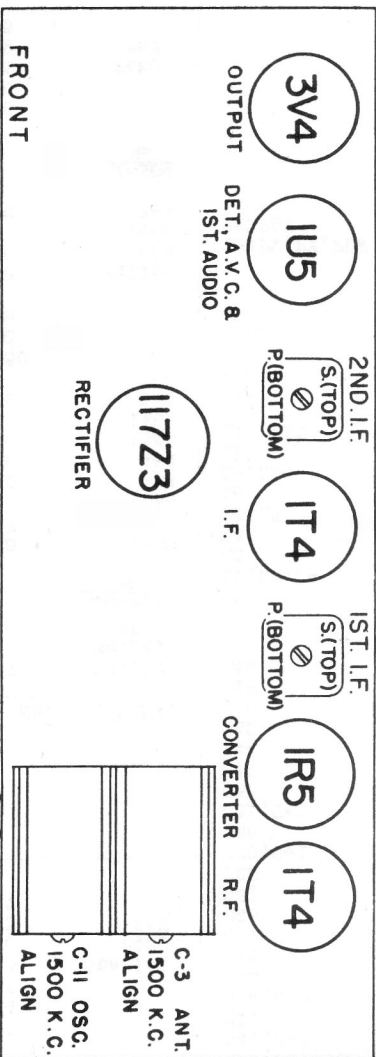
Standard Hazeltine
loop or equivalent

Output meter
across voice coil

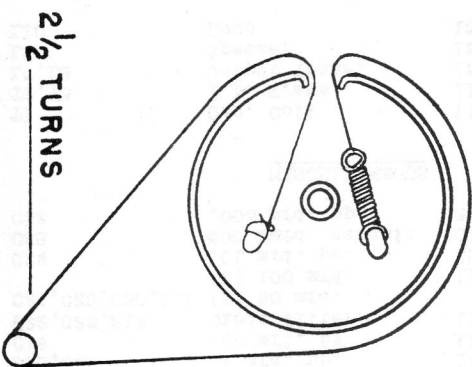
3. Adjust the antenna trimmer capacitor C3 for correct
tracking and maximum sensitivity "rocking" the
gang while adjusting. Repeat steps 1, 2 and 3.

Stromberg-Carlson Model 9961 AC / DC & Battery Receiver

SOCKET	FUNCTION	1	2	3	4	5	6	7	
1T4	R.F. Amplifier	3.	22.	85	0	3	.2	1.6	
1R5	Converter	4.5	83.	58.	2.1	4.5	.1	3.	
1T4	I.F. Amplifier	6.	83.	83.	0	6.	.2	4.5	
1U6	Demodulator, AVC, 1st Audio	1.6	50.	8.	0	0	0	0	
3V4	Power Output	6.	82.	83.	0	7.5	0	9.1	
117Z3	Rectifier	"106"	9	0	"106"	"106"	100.	0	



ALIGNMENT AND TUBE
LOCATION CHART



SPECIFICATIONS

- Voltage Rating.....105-125 Volts AC or DC
- Battery Pack 90 Volts B and 9 Volts A
- Type of Circuit.....Superheterodyne
- Tuning Range.....540-1650 Kc.
- Number and Types of Tubes.....6
- 1T4.....R.F. Amplifier
- 1R5.....Converter
- 1T4.....I.F. Amplifier
- 1U5.....Detector, AVC, First Audio
- 3V4.....Power Output Amplifier
- 117Z3.....Rectifier

