

Hallicrafters, Inc.

Model: SX-9

Chassis:

Year: Pre October 1936

Power:

Circuit:

IF:

Tubes:

Bands:

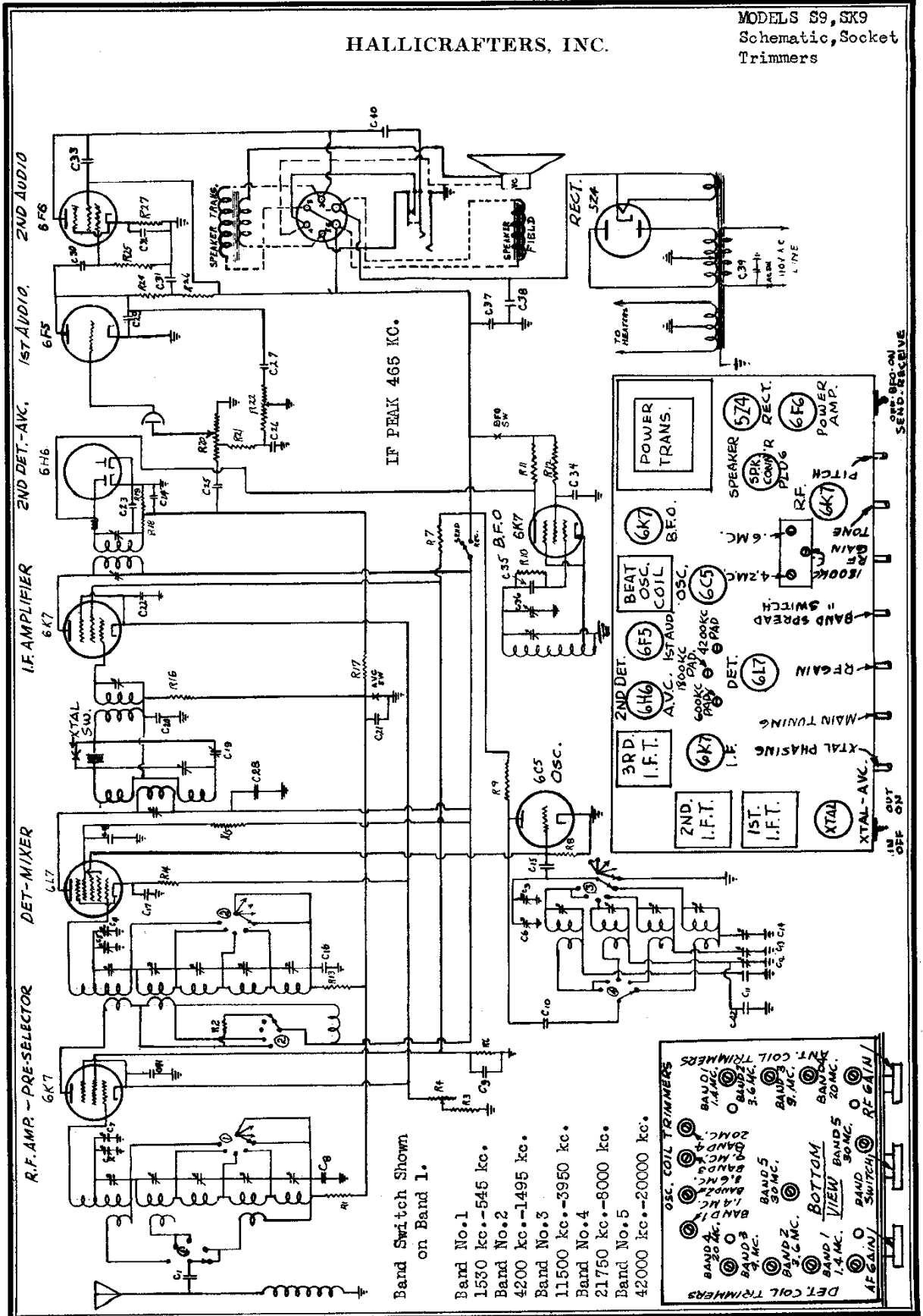
Resources

[Riders Volume 7 - HALLICRAFTERS 7-5](#)

[Riders Volume 7 - HALLICRAFTERS 7-6](#)

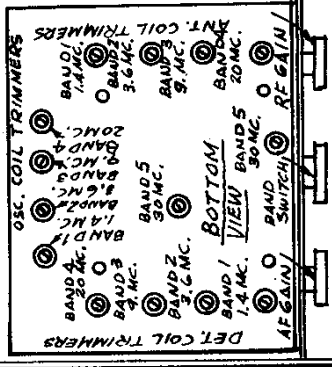
HALLICRAFTERS, INC.

MODELS S9, SK9
Schematic, Socket
Trimmers



Band Switch Shown
on Band 1.

- Band No. 1
1530 kc.-545 kc.
- Band No. 2
4200 kc.-1495 kc.
- Band No. 3
11500 kc.-3950 kc.
- Band No. 4
21750 kc.-8000 kc.
- Band No. 5
42000 kc.-20000 kc.



MODELS S9, SX9
Circuit Data
Alignment, Parts

HALLICRAFTERS, INC.

Table with columns: No., Value, Rating, Wt. (gms), Wt. (oz), Part No., Part Name. Lists various electronic components like resistors, capacitors, and coils.

Table with columns: No., Value, Rating, Vol., Type, Part No., Part Name. Lists vacuum tubes and their specifications.

ALIGNMENT INSTRUCTIONS OF NEW SUPER SUPER
Correct alignment of any receiver is generally a matter of routine. The receiver when it is first assembled is usually adjusted to give the best performance possible under the conditions in which it will be used.

It is practically impossible to align the set unless a satisfactory oscillator and output meter are used. A non-magnetic screw driver for adjustments. The complete procedure is as follows:

I.F. Adjustment - In a receiver which has a crystal filter, a crystal controlled oscillator must be used in which the crystal from the radio is used to control the oscillator. The oscillator must be adjusted to the correct frequency of the crystal.

Fig. 5. Signal strength by crystal oscillator on it is alignment I.F. is, except when the trimmer is adjusted to "on" position and adjust the trimmer in the top of the Test Frequency Oscillator coil set to "zero" beat.

ALIGNMENT OF I.F. STAGES - ADJUSTMENT OF BAND 5
Turn the band spread dial to 200, minimum position in this and all subsequent adjustments. Connect the antenna lead to the receiver through a 500 ohm resistor.

Set the signal generator at 9 m.c., set the main tuning dial at 9 m.c., switch on Band 5, adjust oscillator trimmer marked Band 5, p.c. to maximum output, then adjust Band 5, p.c. to maximum output.

Set the signal generator at 10 m.c., tune in this signal, adjust the antenna and trimmer as shown in Fig. 4. Leave oscillator trimmer set as in Band 5.

Set the signal generator at 9 m.c., set the main tuning dial at 9 m.c., switch on Band 5, adjust oscillator trimmer marked Band 5, p.c. to maximum output, then adjust Band 5, p.c. to maximum output.

Set the signal generator at 4.2 m.c., pad for maximum output, then gradually retune the main tuning condenser back and forth. Location of this pad is shown in Fig. 5 and Fig. 4.

Set the signal generator at 3.0 m.c. with the band spread dial at Band No. 2, turn the main tuning dial to 3.0 m.c., adjust the band 2 oscillator trimmer until maximum output is obtained.

Change the lamp antenna from 400 ohm to 200 ohm condenser. Set the signal generator at 1.4 m.c. with the band spread dial at Band No. 1 - turn the main tuning dial to 1.4 m.c. Adjust the band 1 oscillator trimmer until maximum output is obtained.

Adjust the band 1 oscillator trimmer until maximum output is obtained. Then adjust Band #1 trimmer on the antenna coil condenser until the main tuning condenser and adjust 1.3 m.c. pad for maximum output.

Adjust the antenna and trimmer as shown in Fig. 5 and Fig. 4. Location of this pad is shown in Fig. 5 and Fig. 4.

Change the lamp antenna from 400 ohm to 200 ohm condenser. Set the signal generator at 1.4 m.c. with the band spread dial at Band No. 1 - turn the main tuning dial to 1.4 m.c. Adjust the band 1 oscillator trimmer until maximum output is obtained.

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Change the lamp antenna from 400 ohm to 200 ohm condenser. Set the signal generator at 1.4 m.c. with the band spread dial at Band No. 1 - turn the main tuning dial to 1.4 m.c. Adjust the band 1 oscillator trimmer until maximum output is obtained.