<table>
<thead>
<tr>
<th>Model</th>
<th>Chassis:</th>
<th>Year: Pre October 1937</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power:</td>
<td>Circuit:</td>
<td>IF:</td>
</tr>
<tr>
<td>Tubes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bands:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Resources**
- Riders Volume 8 - SEARS 8-16
- Riders Volume 8 - SEARS 8-19
- Riders Volume 8 - SEARS 8-20
- Riders Volume 8 - SEARS 8-21
POWER SUPPLY: DATE: Oct. 25, 1936 IF PEAKED AT 456 KC

Before connecting this receiver, be sure that the power supply to be used is of proper voltage; that is, 6 volts, direct current. It is recommended that a standard six volt storage battery is used for this purpose. It is important, however, to make sure that the red wire of the battery cable is connected to the Positive (+) terminal of the storage battery and the black wire connected to the Negative (-) terminal.
ALIGNMENT PROCEDURE

PRELIMINARY

Output meter connections .................. Across voice coil leads
Output meter to indicate 50 MA. .................. 7.5 Volt
Average sensitivity in microvolts for 50 MA. output ........ See chart below

Generator ground connection ............. Receiver Chassis
Ground act. in series with generator output ...... See chart below
Connection of generator output lead .......... See chart below
Generator modulation .................. 300: 600 cycles

Position of volume control .................. Maximum

BAND POSITIONS GENERATOR DIAL FREQUENCY ANTENNA POSITION CONNECTION TRIMMERS ADJUSTED IN ORDER BROWN MV

BAND A 540 KC 456 KC .1 MF D 6828 G GRID 80
BAND PF 8 MC 6 MC .400 ohm Ant. LEAD Trimmer on Var.Osc.Sec.
BAND PF 8 MC 6 MC .400 ohm Ant. LEAD Trimmer on Coil L2 40
BAND A 1720 KC 1720 KC .00025 Ant. LEAD C3
BAND A 600 KC 600 KC .00025 Ant. LEAD C-18
BAND A 1500 KC 1500 KC .00025 Ant. LEAD Trimmer on variable 25
BAND A 1500 KC 1500 KC .00025 Ant. LEAD Trimmer on variable 25

Align Short Wave Before Broadcast band as indicated in chart.

IMPORTANT ALIGNMENT NOTES

Before attempting to align the receiver, check to see that the dial pointer coincides with the horizontal dividing line of the scale when the gang condenser is in full wet.

After adjusting the I.F. trimmers, go back and repeat the adjustment, since the setting of each trimmer will have some effect on the others.

When aligning the broadcast band at 600 KC, it is necessary to adjust trimmer C-18 while slowly rocking the gang condenser through a small distance. Rocking the gang is essential if max. sensitivity is to be obtained.

When aligning the shortwave band, care should be taken in adjusting the oscillator trimmer on the variable condenser, since two possible adjustments of these trimmers will result in signal peaks. The proper peak is that which occurs with the trimmer screw furthest out.

ELECTRICAL SPECIFICATIONS

TUBE COMPLEMENT
1 6DQ8 (6AG) ... 1st Det. & Osc. 1 6Q83 (6CG7) 2nd Det.-AVC-Audio
1 6870 (6X7G) ......... I.F. Amp. 1 6N63 ................. PWR Output

POWER SUPPLY
Standard Six Volt Storage Battery

FREQUENCY RANGE
Band A .................. 540-1220 KC. 1720-1500 KC. 600 KC.
Band PF .................. 2.1-7 MC. 6 MC. 456 KC.

INTERMEDIATE FREQUENCY

POWER OUTPUT
Type ................. Class A Type ................. P.M. Dynamic
Maximum ............... 1.06 Watts Size .................. 6 inch

VOYSTE UNTR

alte voltage measured from chassis to socket terminals. Use 1000 ohm

<table>
<thead>
<tr>
<th>M2</th>
<th>M3</th>
<th>M4</th>
<th>M5</th>
<th>M6</th>
<th>M7</th>
<th>M8</th>
</tr>
</thead>
<tbody>
<tr>
<td>620-0</td>
<td>0</td>
<td>0</td>
<td>130</td>
<td>75</td>
<td>-5</td>
<td>120</td>
</tr>
<tr>
<td>605-0</td>
<td>0</td>
<td>0</td>
<td>130</td>
<td>75</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>405-0</td>
<td>0</td>
<td>0</td>
<td>80</td>
<td>5</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>655-0</td>
<td>0</td>
<td>0</td>
<td>130</td>
<td>130</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>