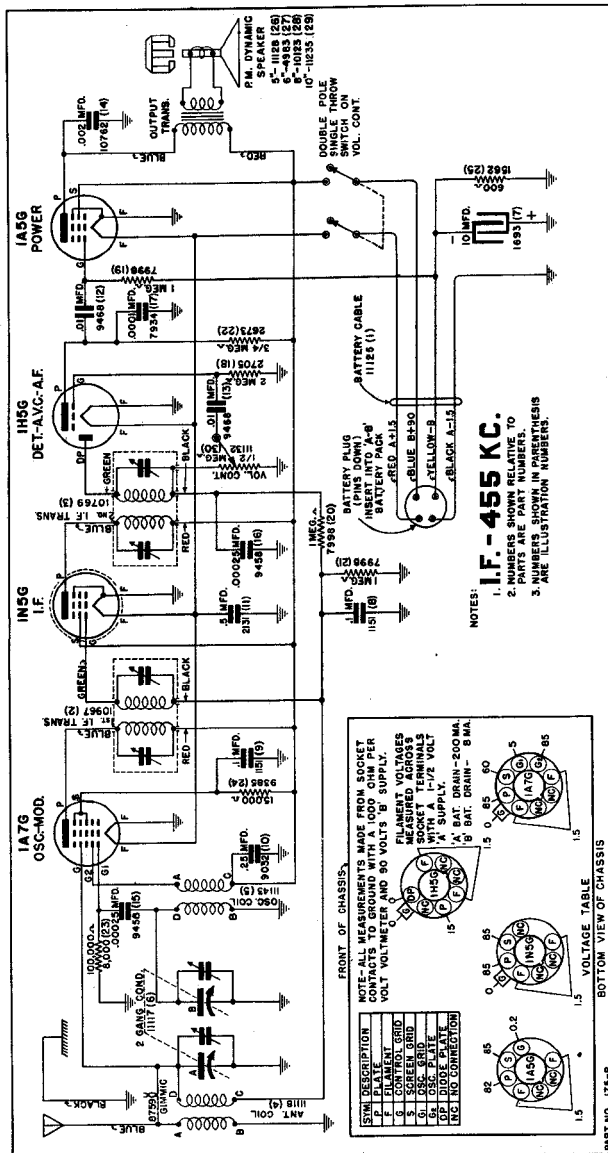


Sentinel Radio Corp.

Sentinel Radio Corp.			
	Model: 175B	Chassis:	Year: Pre June 1940
	Power:	Circuit:	IF:
	Tubes:		
	Bands:		
Resources			
Riders 11 (XI) SENTINEL 11-9			
Riders 11 (XI) SENTINEL 11-10			

SENTINEL RADIO CORP.

MODEL 175B
Schematic, Voltage

PART NO. 175-B

PARTS LIST

Part No.	Description	List Price	No. Illustr.	Description	Price	Part No.	Description	Price	Part No.	Description	Price
1(c) 1125	Cable	\$.25	13	Condenser .01 Mfd. 400 Volt.	17	1108	Tube	1.00	1108	Tube	1.00
1(b) 1132	Cable	\$.25	14	Condenser .01 Mfd. 400 Volt.	17	1109	Tube	1.00	1109	Tube	1.00
2 1133	Coil	\$.25	15	Condenser .01 Mfd. 400 Volt.	17	1110	Tube	1.00	1110	Tube	1.00
3 1134	Coil	\$.25	16	Condenser .01 Mfd. 400 Volt.	17	1111	Tube	1.00	1111	Tube	1.00
4 1135	Coil	\$.25	17	Condenser .01 Mfd. 400 Volt.	17	1112	Tube	1.00	1112	Tube	1.00
5 1136	Coil	\$.25	18	Condenser .01 Mfd. 400 Volt.	17	1113	Tube	1.00	1113	Tube	1.00
6 1137	Coil	\$.25	19	Condenser .01 Mfd. 400 Volt.	17	1114	Tube	1.00	1114	Tube	1.00
7 1138	Coil	\$.25	20	Condenser .01 Mfd. 400 Volt.	17	1115	Tube	1.00	1115	Tube	1.00
8 1139	Coil	\$.25	21	Condenser .01 Mfd. 400 Volt.	17	1116	Tube	1.00	1116	Tube	1.00
9 1140	Coil	\$.25	22	Condenser .01 Mfd. 400 Volt.	17	1117	Tube	1.00	1117	Tube	1.00
10 1141	Coil	\$.25	23	Condenser .01 Mfd. 400 Volt.	17	1118	Tube	1.00	1118	Tube	1.00
11 1142	Coil	\$.25	24	Condenser .01 Mfd. 400 Volt.	17	1119	Tube	1.00	1119	Tube	1.00
12 1143	Coil	\$.25	25	Condenser .01 Mfd. 400 Volt.	17	1120	Tube	1.00	1120	Tube	1.00
13 1144	Coil	\$.25	26	Condenser .01 Mfd. 400 Volt.	17	1121	Tube	1.00	1121	Tube	1.00
14 1145	Coil	\$.25	27	Condenser .01 Mfd. 400 Volt.	17	1122	Tube	1.00	1122	Tube	1.00
15 1146	Coil	\$.25	28	Condenser .01 Mfd. 400 Volt.	17	1123	Tube	1.00	1123	Tube	1.00
16 1147	Coil	\$.25	29	Condenser .01 Mfd. 400 Volt.	17	1124	Tube	1.00	1124	Tube	1.00
17 1148	Coil	\$.25	30	Condenser .01 Mfd. 400 Volt.	17	1125	Tube	1.00	1125	Tube	1.00
18 1149	Coil	\$.25									
19 1150	Coil	\$.25									
20 1151	Coil	\$.25									
21 1152	Coil	\$.25									
22 1153	Coil	\$.25									
23 1154	Coil	\$.25									
24 1155	Coil	\$.25									
25 1156	Coil	\$.25									
26 1157	Coil	\$.25									
27 1158	Coil	\$.25									
28 1159	Coil	\$.25									
29 1160	Coil	\$.25									
30 1161	Coil	\$.25									

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

W. 4M 9-39 PART NO. 175B

MODEL 175B

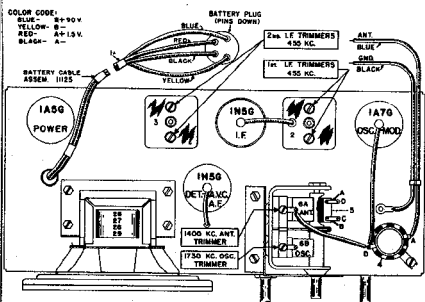
Socket, Trimmers
Chassis, Alignment

SENTINEL RADIO CORP.

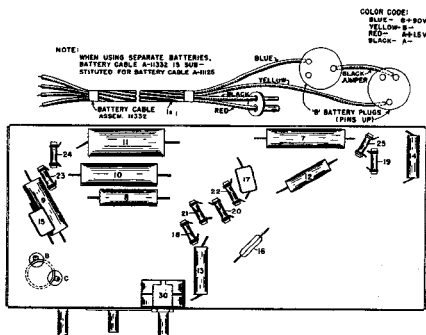
4 TUBE — 1½ VOLT BATTERY OPERATED

SUPERHETERODYNE RECEIVER

COLOR CODE:
BLUE—8+90V
YELLOW—5
RED—A-15V
BLACK—A



NO. 175-B



ALIGNMENT PROCEDURE

Be sure to follow procedure carefully and in the order given—otherwise the receiver will be insensitive and the dial calibration incorrect. For alignment procedure read tabulations from left to right. If more than one adjustment is required on any one band, make the adjustment marked (1) first, (2) next, (3) third.

Before starting alignment:

- Check tuning dial adjustment by tuning gang condenser until plates touch maximum capacity stop (completely in mesh) at which point the dial needle must be exactly even with the last line at the low frequency end of the dial calibration. If dial needle does not point exactly to last line move to correct position.
- Use an accurately calibrated test oscillator with some type of output measuring device.
- Have ground lead of test oscillator attached to chassis.

TEST OSCILLATOR				
Set receiver dial to:	Adjust test oscillator frequency to:	Use dummy antenna in series with output of test oscillator consisting of:	Attach output of test oscillator to:	Refer to parts layout diagram for location of trimmers mentioned below:

I.F. Any point where no interfering signal is received	455 K. C.	.02 MFD. condensers	High side to grid terminal of 1A7G tube DO NOT REMOVE CAP.	Adjust each of the second I. F. transformer trimmers for maximum output—then adjust each of the first I. F. trimmers for maximum output.
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1 Exactly 1730 K. C.	Exactly 1730 K. C.	.00025 MFD. condenser	Receiver blue antenna lead	Adjust 1730 K. C. oscillator trimmer for maximum output.
2 Approx. 1400 K. C.	Exactly 1400 K. C.	.00025 MFD. condenser	Receiver blue antenna lead	While rocking gang condenser adjust 1400 K. C. antenna trimmer for maximum output.

SENTINEL MODEL 175B