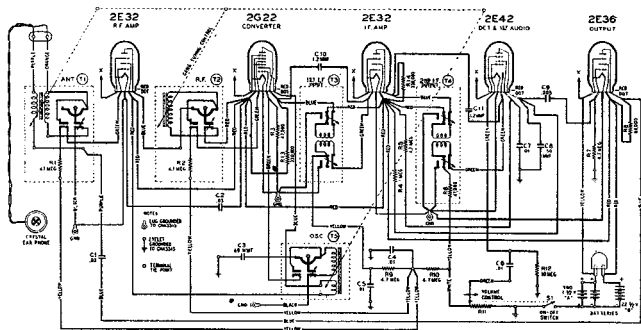


**MODELS 5P113, 5P116, 5P117,  
Boulevard**

BELMONT RADIO CORP.

**CAPACITORS**

C1, C2	A-8J-10295	.03 mf, 150 volts, 20%
C3	A-8G-11083	40 mmf, $\pm 2.5$ mmf
C6, C7	A-8J-10297	.01 mf, 150 volts, 20%
C8	A-8J-10298	50 mmf, 150 volts, 20%
C9	A-8J-10296	.005 mf, 150 volts, 20%
C10, C11	A-13G-11303	1.2 mmf, $\pm 0.2$ mmf (two wires)

**RESISTORS**

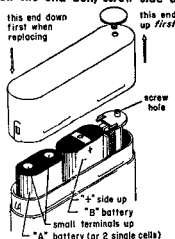
R3	C-989-82	47,000 ohms, 1/5 watt, 10%
R4	C-983-98	1 megohm, 1/3 watt, 10%
R5, R7	C-983-106	4.7 megohms, 1/3 watt, 10%
R8	C-989-84	68,000 ohms, 1/5 watt, 10%
R12	C-983-37	10 megohms, 1/3 watt, 20%
R13, R14	C-989-92	330,000 ohms, 1/5 watt, 10%

**MISCELLANEOUS**

A-48A-10346	Crystal phone
A-19B-10354	Phone connector and cord
A-5M-10455	Earpiece (medium)
A-5M-10455-1	Earpiece (small)
A-5M-10455-2	Earpiece (large)
B-2E-10308	End bell, top (Model 5P116)
B-2E-10308-1	End bell, top (Models 5P113, 5P117)
B-202-10419	End bell, bottom (Model 5P116)
B-202-10419-1	End bell, bottom (Models 5P113, 5P117)
A-5B-10466-2	Knob, tuning (Models 5P113, 5P117)
A-5B-10466-51	Knob, tuning (Model 5P116)
A-5B-10806-2	Knob, volume (Models 5P113, 5P117)
A-5B-10806-51	Knob, volume (Model 5P116)

**How to Install Them**—Three "A" batteries and one "B" battery are supplied with the Boulevard. The extra "A" batteries are for replacement purposes. Remove the screw on the bottom of the radio and lift off the end bell, screw side up first, as shown in the illustration.

(To avoid distorting the end bell, grasp it at the edges, not on the sides. Insert the "A" and "B" batteries in the case exactly as shown, with the "B" battery on the side with the screw hole. (If desired, the wide rubber band supplied with the set may be placed around the batteries to prevent any movement.) Then replace the end bell on the screw.

**ALIGNMENT PROCEDURE**

Output meter must give 1.5-volt deflection without loading output tube.

Use any 1½-volt "A" battery and 22½-volt "B" battery which can be connected to set. Keep battery leads short.

Unsolder lead between .03 mf output capacitor and purple lead (see illustration). Connect one side of meter to this capacitor terminal, other side to receiver chassis. Be sure to reconnect leads after alignment is completed.

Volume control at maximum.

Connect ground lead of generator to chassis.

Align for maximum output. Reduce input as needed to keep output near 1.5 volts.

Generator Frequency	Coupling Capacitor	Connection to Set	Adjust for Max. Output
455 kc	.1 mf	Converter 2G22 grid	Trimmers on both I.F. transformers
1625 kc	.1 mf	Converter 2G22 grid	Oscillator trimmer
1400 kc	.1 mf	Converter 2G22 grid	Oscillator tuning slug*
1625 kc	10 mmf	Antenna lead (see illust.)	Osc, ant, rf trimmers
1400 kc	10 mmf	Antenna lead	Antenna, rf tuning slugs*

Repeat this and previous step alternately for best tracking.

