

RCA

MODEL 15BP

Alignment Procedure

Output Meter Alignment.—If this method is used, connect the meter across the voice coil, and turn the receiver volume control to maximum.

Test-oscillator.—For all alignment operations, keep the output as low as possible to avoid a-v-c action.

Steps	Connect the high side of test-oscillator to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. peak output—
1	1N5GT I-F grid cap, in series with .01 mfd.	455 kc	Quiet point at 1,600 kc end of dial	L8, L7 (2nd transformer)
2	1A7GT 1st-Det. grid cap, in series with .01 mfd.			L4, L3 (1st I-F transformer)
3	radiated signal 1,720 kc		signal frequency	C22 (Osc. Trimmer)
4	radiated signal 1,400 kc			C20 (Ant. Trimmer)
5	radiated signal near 600 kc			L6 (Rock in)
6	Repeat steps 3, 4 and 5 until aligned.			

Frequency Range..... 540-1,720 kc
Intermediate Frequency..... 455 kc

RCA TUBE COMPLEMENT

- (1) RCA-1A7-GT..... 1st. Det.—Osc.
- (2) RCA-1N5-GT..... I-F Amplifier
- (3) RCA-1H5-GT..... 2nd-Det., A-F, and A.V.C.
- (4) RCA-3Q5-GT..... Output
- (5) RCA-35Z5-GT..... Rectifier

LINE CURRENT SUPPLY

110 to 125 volts, AC 50 or 60 cycles, or DC

BATTERIES REQUIRED

- "A" one 1.5 volt dry plug-in type "A," (Eveready No. 743 or equivalent)
- "B" two 45 volt dry plug-in type "B," (Eveready No. 482 or equivalent)

CURRENT CONSUMPTION

- "A" 0.25 amperes } Battery Operation
- "B" 11.5 milliamperes }

