

SCHMATIC DIAGRAM MODEL 41-851, RUNS 1 AND 2

1	Stator Plate Lug Loop Tuning Condenser	455 K. C.	540 K. C.	Vol. Max.	18A, 18B, 24A
2	Loop on Generator	1500 K. C.	1500 K. C.	Range Switch "Brdest" Vol. Max.	3C, 3D
3	Loop on Generator	580 K. C.	580 K. C.	Range Switch "Brdest" Vol. Max.	50
4	Recheck operation No. "2"				
5	Loop on Generator	6 M. C.	6 M. C.	Range Switch "S. W."	50A
6	Loop on Generator	15 M. C.	15 M. C.	Range Switch "S. W."	3B, 3A

**Model 41-851, Code 121, Runs 1 and 2**

Model 41-851, Code 121, Runs 1 and 2 is a five (5) tube portable A. C.-D. C. or battery operated superheterodyne radio with two tuning ranges, 540 to 1600 K. C. and 6 to 15 M. C. In addition this model includes: a Built-in Loop Aerial; Beam Power Pentode Audio Output Stage; Highly Sensitive Permanent Magnet Speaker; PHILCO Super-efficient Loktal Tubes and an ON-OFF Indicator.

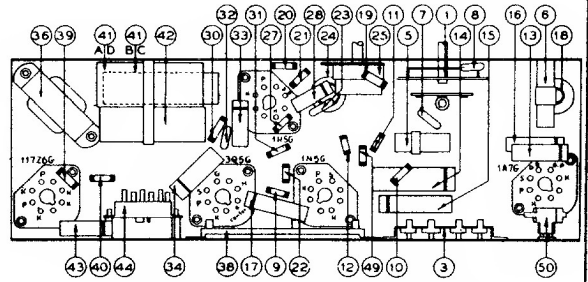
Production Runs 1 and 2 of this model are identical with the exception of the 2nd Detector, 1st Audio tube. The early production (Run 1) radios used a 1H5G tube and the later production radios (Run 2) contained a 1LD5 tube.

**PHILCO TUBES USED:** 1A7G, Oscillator Converter; 1N5G, I. F. Amplifier; \*1H5G, (Run No. 1) 2nd Detector, 1st Audio A. V. C.; 3Q5G, Audio Output; 117Z6G, Rectifier; \*11L5D, (Run No. 2).

**INTERMEDIATE FREQUENCY:** 455 K. C.  
**POWER SUPPLY:** 115 volts, A. C.-D. C. and a Philco Combination "A. B." battery type P-841.

For portable battery operation wrap the power line cord around its holder clamp on the back of the cabinet back and insert the plug end into the slots provided on the chassis.

To operate on 115 volts A. C.-D. C. remove the power line cord plug from the slots on the chassis and insert into a power receptacle.



PART LOCATIONS — UNOERSIOE OF CHASSIS MODEL 41-851, RUN 1