

PHILCO RADIO & TELEVISION CORP.

MODEL 89,19
Schematic
Alignment
Changes

Models 89 and 19

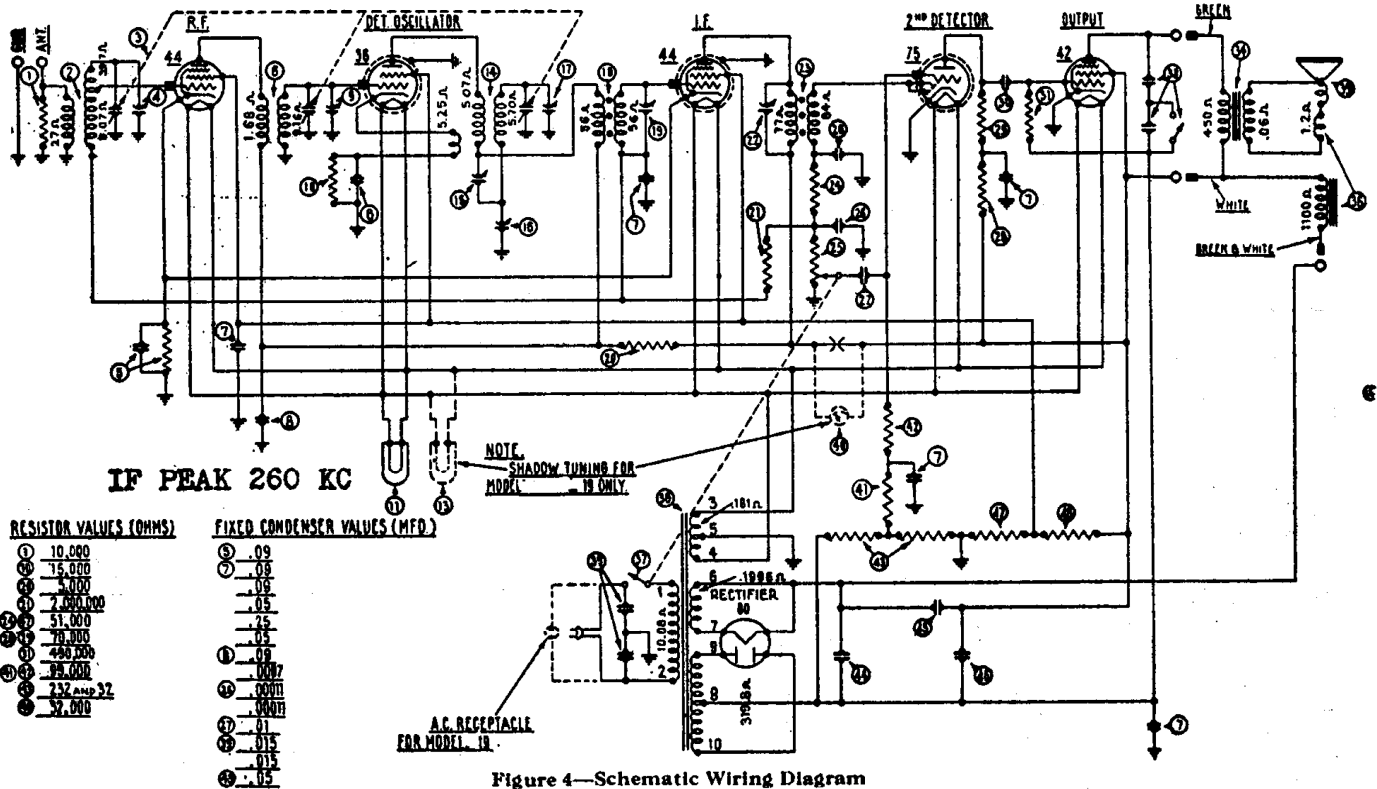


Figure 4—Schematic Wiring Diagram

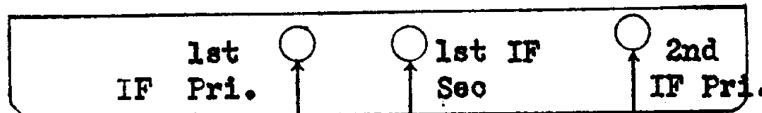


Fig. 3—Back of Model 89 and 19 Chassis, showing location of Compensating Condensers

In run number 5; the antenna coil ② part number 06619 was changed to new coil part number 32-1062. The interstage coil ④ part number 06662 was changed to new coil part number 32-1063. The volume control and A. C. switch ⑨ part number 33-5004 was changed to new Volume Control (only) part number 33-5007. A combined "On-Off" and frequency change switch was added, part number 42-1002. The above changes permits the police and airplane broadcast reception.

In run number 2, Model 19-121; run number 3, Model 19-122; a (2900 ohms) resistor, part number 5309 was added. This resistor was connected between ③ condenser, lug No. 3 to lug No. 5 on the condenser mounted between ② antenna transformer and the R. F. socket.

The following changes were made in 19-122 to make 19-123 under run No. 1:

The sub base part number 8136 was changed to new sub base part number 29-1051. The tuning condenser assembly part number 06702 was changed to new condenser assembly part number 31-1004. The dial scale 8111 was changed to new dial scale 7882. The A. C. Socket part number 5962 was removed. The bottom shield part number 8057 was removed. The two side brackets part numbers 8133 and 8134 were removed. Four new mounting feet part number 4222 were added. The two electrolytic condensers part number 8095 were changed to part numbers 8165 and 8166.

Below run number 4 on 89-121; run number 1 on 19-121; run number 2 on 19-122, the wiring on the compensating condenser ⑩ was reversed and the fibre nut, part number 7505 was changed to part number 3151 (brass nut); part number W-775 hole cover was added.

Notes for 25 cycle Model 89-A.

Use ⑩ power transformer part number 8047. Change ⑩ electrolytic condenser (6 mfd.) part number 8165 to new condenser (8 mfd.) part number 7558. Change ⑩ electrolytic condenser (6 mfd.) part number 8166 to new condenser (8 mfd.) part number 7558.