MODEL PT-50

SPECIFICATIONS

Model PT-50 is a five-tube superheterodyne radio covering a frequency range from 540 to 1580 kilocycles (K. C.) This model is equipped with a loop aerial built into the cabinet for portable use and does not need an aerial under average receiving conditions. Connections are also provided on the rear of the cabinet for attaching an outside aerial, to obtain maximum performance in locations where signal strength is weak, such as in apartment houses, hotels and other shielded locations. If an outside aerial is necessary, the Philco Utility Aerial, Part No. 46-6384, is recommended.

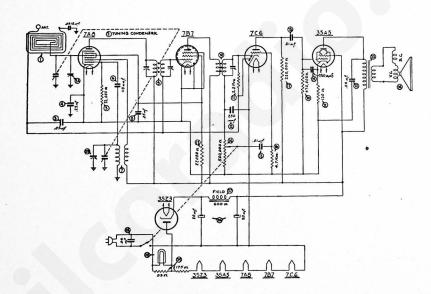
INTERMEDIATE FREQUENCY: 455 K. C.

POWER SUPPLY: Operates on either a 115 volt, alternating current (A. C.), or a 115 volt, direct current (D. C.), power supply.

Note—If no sound is heard on "D. C." circuits after the tubes are sufficiently heated, reverse the plug of the cable in the outlet. If a slight hum is heard when operating on an "A. C." power supply, the power plug should also be reversed.

PHILCO TUBES USED: One 7A8, Converter; one 7B7, I. F. Amplifier; one 7C6, 2nd Detector, 1st Audio, A. V. C.; one 35A5, Audio Output; and one 35Z3, Rectifier.

ALIGNING PROCEDURE: The instructions for adjusting the R. F. and I. F. compensators will be found on page 8.



REPLACEMENT PARTS

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SCHE No.		PART No.	SCHE.	DESCRIPTION	PART No.	SCHE. No.	DESCRIPTION	PART No.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Loop Antenna Assembly Tuning Condenser Tubular Condenser (.05 mf., 200 V.) Tubular Condenser (.25 mf., 400 V.) Tubular Condenser (.15 mf., 400 V.) Resistor (22,000 ohms, ¼ watt) Mica Condenser (.10 mmf.) Oscillator Transformer Tubular Condenser (.05 mf., 200 V.) 1st I. F. Transformer Resistor (2.2 megs., ¼ watt) Mica Condenser (250 mmf.) Resistor (2.7 000 ohms, ¼ watt) Volume Control (500,000 ohms) Tubular Condenser (.01 mf., 200 V.) Resistor (4.7 megs., ¼ watt) Resistor (4.7 megs., ¼ watt) Tubular Condenser (.01 mf., 200 V.)	31-2448 30-4519 30-4604 33-322154 30-1130 32-3182 30-4519 32-3177 32-3178 32-3178 33-522154 61-0033 33-327334 33-5306 30-4479	20 21 22 23 24 24 25 26 27 28	Mica Condenser (250 mmf.) Resistor (470,000 dnms, ½ watt) Resistor (130 ohms, ½ watt) Tuhular Condenser (.04 mf., 400 V.) Output Transformer (for Speaker 36-1469-1) (for Speaker 36-1469-2) (for Speaker 36-1469-9) (for Speaker 36-1469-1) (for Speaker 36-1469-1) (for Speaker 36-1469-2) (for Speaker 36-1469-2) (for Speaker 36-1469-2) (for Speaker 36-1469-2) (For Speaker 36-1469-1) Tubular Condenser (.04 mf., 400 V.) Electrolytic Condenser (20-20 mf., 150 V.) Field Coll Plot Lamp Line Resistor	.33-447154 .33-113336 30-4119 32-8047 32-8044 32-8044 36-4115 36-4132 36-4133 36-4113 30-4119 30-2382 36-1469 36-1469	Cal Cak Dia Dia Dri Kn Ser Ser Sna Spp	ole (Power) olinet	L-3199 10467A 27-5570 31-2358 31-2370 27-4936 W-2023 W-2023