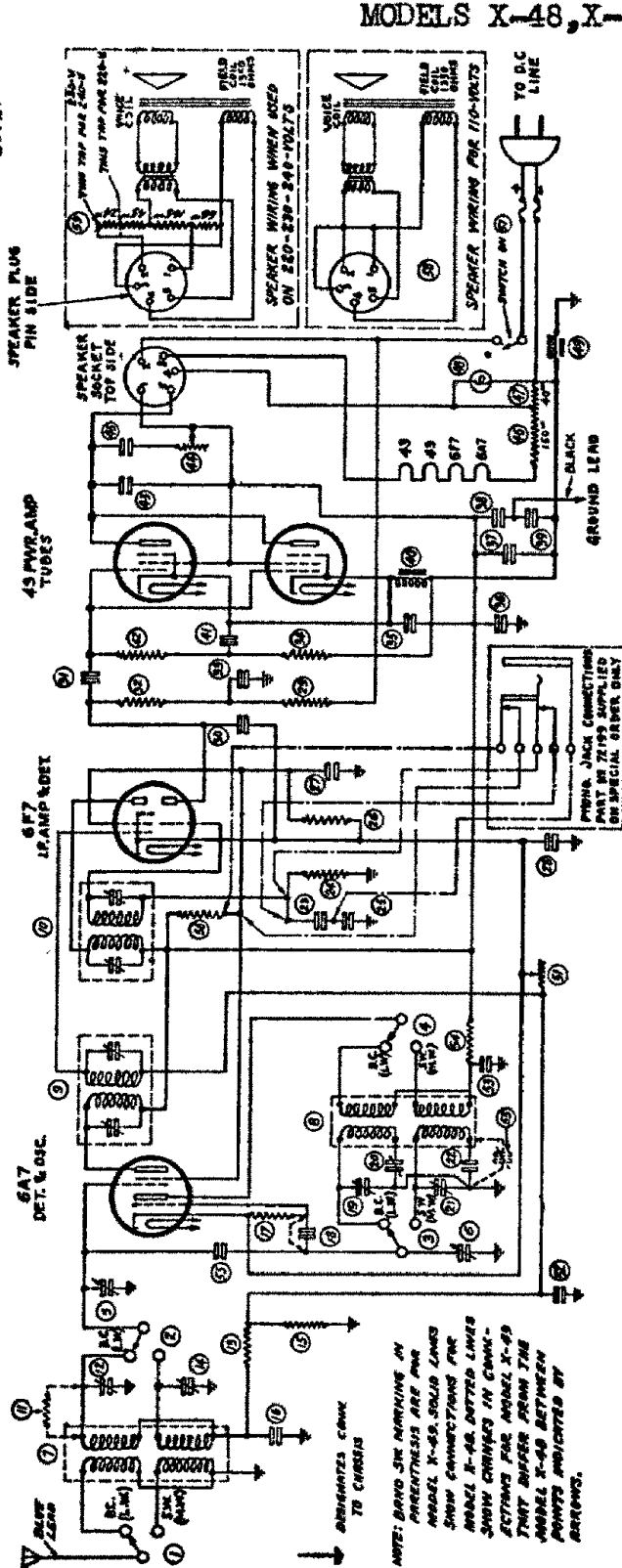


PILOT RADIO CORP.

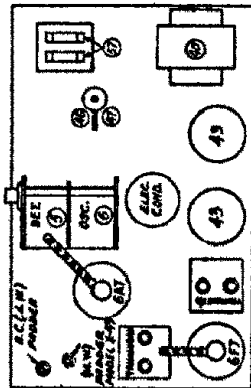
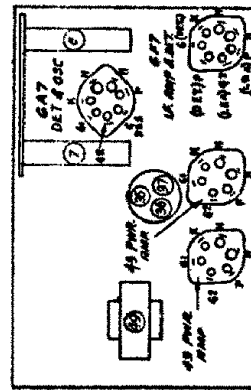
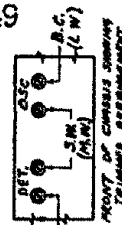
MODELS X-48, X-49

25121



NOTE: DOT & DASH LINES SHOW CONNECTIONS FOR WINDING JACK BETWEEN POINTS INDICATED BY ARROWS. ALIQUOT FREQUENCIES: MODEL X-48 16.52-5,700 KC. MODEL X-49 178-550 METERS (1,680-545 KC.)

IF PEAK 456 KC



BOTTOM OF CHASSIS

TOP OF CHASSIS

MODEL X48 SUPERHETERODYNE
Range: 16-52 Meters (18,800-5,700 kc.)
178-550 Meters (1,680-545 kc.)

MODEL X49 SUPERHETERODYNE
Range: 178-550 Meters (1,680-545 kc.)
789-2,142 Meters (380-140 kc.)

(Sold in the European area only)

A good antenna is most essential for the reception of signals from stations located thousands of miles from the receiver. The flat top portion of the antenna should be placed as high above the ground and grounded objects as possible. Both lead-in wire and antenna should be located as far from sources of man-made static as possible. Automobile ignition systems, telephone communication lines, electric oil burner installations, motor and trolley power lines are some of the more common offenders of this nature. The installation of a good antenna requires a small amount of additional labor, but the extra effort is always rewarded with improved reception with a minimum of static interference. A properly installed antenna is almost as good as an extra stage of tuned radio frequency amplification.

It is advisable to place the radio receiver close to the incoming lead-in, as frequently an extension about the interior of the house picks up a considerable amount of static along with the desired signal. The illustration shows how to install a lightning arrester if one is desired.

The kit contains two 75 ft. lengths of No. 14 wire. The illustration suggests the use of at least 25 ft. per section. Use as much of the wire up to 75 ft. per section as your location will permit. The letters at the right form a reference to the parts as arranged in the illustration.

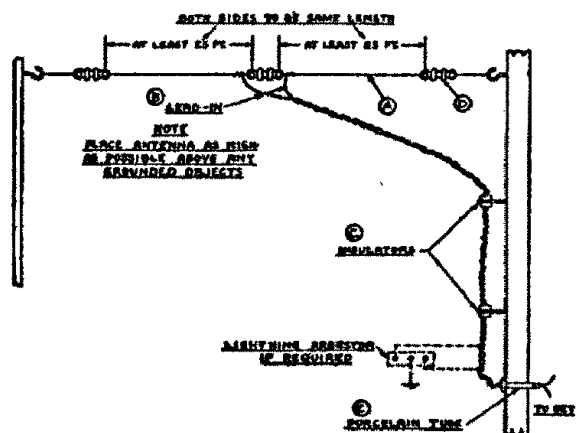
Method No. 1: Join the ends of both leads together and connect to antenna terminal of set.

Method No. 2: Connect one wire to antenna lead of set; connect the other wire to the ground lead. Use the method on your set which gives the best performance.

CONTENTS OF PILOT KIT

- 2—75 ft. lengths of No. 14 enameled, copper wire.....A
- 100 ft. twisted pair lead-in wireB
- 2—Insulated stand-off insulatorsC
- 6—Porcelain insulatorsD
- 2—Porcelain tubesD
- 6—Insulated staples

ALL-WAVE ANTENNA SYSTEM



| MODEL X-48 CONDENSERS | | MODEL X-48 MISCELLANEOUS | |
|-----------------------|-----------------------|--------------------------|--------------------------|
| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION |
| 10100-1 | 100,000 OHMS 1/2 WATT | 7117-1 | ANTENNA COIL ASSEMBLY |
| 10100-2 | 100,000 OHMS 1/2 WATT | 7117-2 | OSCILLATOR COIL ASSEMBLY |
| 10100-3 | 100,000 OHMS 1/2 WATT | 7117-3 | IF COIL ASSEMBLY |
| 10100-4 | 100,000 OHMS 1/2 WATT | 7117-4 | IF COIL ASSEMBLY |
| 10100-5 | 100,000 OHMS 1/2 WATT | 7117-5 | IF COIL ASSEMBLY |
| 10100-6 | 100,000 OHMS 1/2 WATT | 7117-6 | IF COIL ASSEMBLY |
| 10100-7 | 100,000 OHMS 1/2 WATT | 7117-7 | IF COIL ASSEMBLY |
| 10100-8 | 100,000 OHMS 1/2 WATT | 7117-8 | IF COIL ASSEMBLY |
| 10100-9 | 100,000 OHMS 1/2 WATT | 7117-9 | IF COIL ASSEMBLY |
| 10100-10 | 100,000 OHMS 1/2 WATT | 7117-10 | IF COIL ASSEMBLY |
| 10100-11 | 100,000 OHMS 1/2 WATT | 7117-11 | IF COIL ASSEMBLY |
| 10100-12 | 100,000 OHMS 1/2 WATT | 7117-12 | IF COIL ASSEMBLY |
| 10100-13 | 100,000 OHMS 1/2 WATT | 7117-13 | IF COIL ASSEMBLY |
| 10100-14 | 100,000 OHMS 1/2 WATT | 7117-14 | IF COIL ASSEMBLY |
| 10100-15 | 100,000 OHMS 1/2 WATT | 7117-15 | IF COIL ASSEMBLY |
| 10100-16 | 100,000 OHMS 1/2 WATT | 7117-16 | IF COIL ASSEMBLY |
| 10100-17 | 100,000 OHMS 1/2 WATT | 7117-17 | IF COIL ASSEMBLY |
| 10100-18 | 100,000 OHMS 1/2 WATT | 7117-18 | IF COIL ASSEMBLY |
| 10100-19 | 100,000 OHMS 1/2 WATT | 7117-19 | IF COIL ASSEMBLY |
| 10100-20 | 100,000 OHMS 1/2 WATT | 7117-20 | IF COIL ASSEMBLY |
| 10100-21 | 100,000 OHMS 1/2 WATT | 7117-21 | IF COIL ASSEMBLY |
| 10100-22 | 100,000 OHMS 1/2 WATT | 7117-22 | IF COIL ASSEMBLY |
| 10100-23 | 100,000 OHMS 1/2 WATT | 7117-23 | IF COIL ASSEMBLY |
| 10100-24 | 100,000 OHMS 1/2 WATT | 7117-24 | IF COIL ASSEMBLY |
| 10100-25 | 100,000 OHMS 1/2 WATT | 7117-25 | IF COIL ASSEMBLY |
| 10100-26 | 100,000 OHMS 1/2 WATT | 7117-26 | IF COIL ASSEMBLY |
| 10100-27 | 100,000 OHMS 1/2 WATT | 7117-27 | IF COIL ASSEMBLY |
| 10100-28 | 100,000 OHMS 1/2 WATT | 7117-28 | IF COIL ASSEMBLY |
| 10100-29 | 100,000 OHMS 1/2 WATT | 7117-29 | IF COIL ASSEMBLY |
| 10100-30 | 100,000 OHMS 1/2 WATT | 7117-30 | IF COIL ASSEMBLY |
| 10100-31 | 100,000 OHMS 1/2 WATT | 7117-31 | IF COIL ASSEMBLY |
| 10100-32 | 100,000 OHMS 1/2 WATT | 7117-32 | IF COIL ASSEMBLY |
| 10100-33 | 100,000 OHMS 1/2 WATT | 7117-33 | IF COIL ASSEMBLY |
| 10100-34 | 100,000 OHMS 1/2 WATT | 7117-34 | IF COIL ASSEMBLY |
| 10100-35 | 100,000 OHMS 1/2 WATT | 7117-35 | IF COIL ASSEMBLY |
| 10100-36 | 100,000 OHMS 1/2 WATT | 7117-36 | IF COIL ASSEMBLY |
| 10100-37 | 100,000 OHMS 1/2 WATT | 7117-37 | IF COIL ASSEMBLY |
| 10100-38 | 100,000 OHMS 1/2 WATT | 7117-38 | IF COIL ASSEMBLY |
| 10100-39 | 100,000 OHMS 1/2 WATT | 7117-39 | IF COIL ASSEMBLY |
| 10100-40 | 100,000 OHMS 1/2 WATT | 7117-40 | IF COIL ASSEMBLY |
| 10100-41 | 100,000 OHMS 1/2 WATT | 7117-41 | IF COIL ASSEMBLY |
| 10100-42 | 100,000 OHMS 1/2 WATT | 7117-42 | IF COIL ASSEMBLY |
| 10100-43 | 100,000 OHMS 1/2 WATT | 7117-43 | IF COIL ASSEMBLY |
| 10100-44 | 100,000 OHMS 1/2 WATT | 7117-44 | IF COIL ASSEMBLY |
| 10100-45 | 100,000 OHMS 1/2 WATT | 7117-45 | IF COIL ASSEMBLY |
| 10100-46 | 100,000 OHMS 1/2 WATT | 7117-46 | IF COIL ASSEMBLY |
| 10100-47 | 100,000 OHMS 1/2 WATT | 7117-47 | IF COIL ASSEMBLY |
| 10100-48 | 100,000 OHMS 1/2 WATT | 7117-48 | IF COIL ASSEMBLY |
| 10100-49 | 100,000 OHMS 1/2 WATT | 7117-49 | IF COIL ASSEMBLY |
| 10100-50 | 100,000 OHMS 1/2 WATT | 7117-50 | IF COIL ASSEMBLY |
| 10100-51 | 100,000 OHMS 1/2 WATT | 7117-51 | IF COIL ASSEMBLY |
| 10100-52 | 100,000 OHMS 1/2 WATT | 7117-52 | IF COIL ASSEMBLY |
| 10100-53 | 100,000 OHMS 1/2 WATT | 7117-53 | IF COIL ASSEMBLY |
| 10100-54 | 100,000 OHMS 1/2 WATT | 7117-54 | IF COIL ASSEMBLY |
| 10100-55 | 100,000 OHMS 1/2 WATT | 7117-55 | IF COIL ASSEMBLY |
| 10100-56 | 100,000 OHMS 1/2 WATT | 7117-56 | IF COIL ASSEMBLY |
| 10100-57 | 100,000 OHMS 1/2 WATT | 7117-57 | IF COIL ASSEMBLY |
| 10100-58 | 100,000 OHMS 1/2 WATT | 7117-58 | IF COIL ASSEMBLY |
| 10100-59 | 100,000 OHMS 1/2 WATT | 7117-59 | IF COIL ASSEMBLY |
| 10100-60 | 100,000 OHMS 1/2 WATT | 7117-60 | IF COIL ASSEMBLY |
| 10100-61 | 100,000 OHMS 1/2 WATT | 7117-61 | IF COIL ASSEMBLY |
| 10100-62 | 100,000 OHMS 1/2 WATT | 7117-62 | IF COIL ASSEMBLY |
| 10100-63 | 100,000 OHMS 1/2 WATT | 7117-63 | IF COIL ASSEMBLY |
| 10100-64 | 100,000 OHMS 1/2 WATT | 7117-64 | IF COIL ASSEMBLY |
| 10100-65 | 100,000 OHMS 1/2 WATT | 7117-65 | IF COIL ASSEMBLY |
| 10100-66 | 100,000 OHMS 1/2 WATT | 7117-66 | IF COIL ASSEMBLY |
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| 10100-69 | 100,000 OHMS 1/2 WATT | 7117-69 | IF COIL ASSEMBLY |
| 10100-70 | 100,000 OHMS 1/2 WATT | 7117-70 | IF COIL ASSEMBLY |
| 10100-71 | 100,000 OHMS 1/2 WATT | 7117-71 | IF COIL ASSEMBLY |
| 10100-72 | 100,000 OHMS 1/2 WATT | 7117-72 | IF COIL ASSEMBLY |
| 10100-73 | 100,000 OHMS 1/2 WATT | 7117-73 | IF COIL ASSEMBLY |
| 10100-74 | 100,000 OHMS 1/2 WATT | 7117-74 | IF COIL ASSEMBLY |
| 10100-75 | 100,000 OHMS 1/2 WATT | 7117-75 | IF COIL ASSEMBLY |
| 10100-76 | 100,000 OHMS 1/2 WATT | 7117-76 | IF COIL ASSEMBLY |
| 10100-77 | 100,000 OHMS 1/2 WATT | 7117-77 | IF COIL ASSEMBLY |
| 10100-78 | 100,000 OHMS 1/2 WATT | 7117-78 | IF COIL ASSEMBLY |
| 10100-79 | 100,000 OHMS 1/2 WATT | 7117-79 | IF COIL ASSEMBLY |
| 10100-80 | 100,000 OHMS 1/2 WATT | 7117-80 | IF COIL ASSEMBLY |
| 10100-81 | 100,000 OHMS 1/2 WATT | 7117-81 | IF COIL ASSEMBLY |
| 10100-82 | 100,000 OHMS 1/2 WATT | 7117-82 | IF COIL ASSEMBLY |
| 10100-83 | 100,000 OHMS 1/2 WATT | 7117-83 | IF COIL ASSEMBLY |
| 10100-84 | 100,000 OHMS 1/2 WATT | 7117-84 | IF COIL ASSEMBLY |
| 10100-85 | 100,000 OHMS 1/2 WATT | 7117-85 | IF COIL ASSEMBLY |
| 10100-86 | 100,000 OHMS 1/2 WATT | 7117-86 | IF COIL ASSEMBLY |
| 10100-87 | 100,000 OHMS 1/2 WATT | 7117-87 | IF COIL ASSEMBLY |
| 10100-88 | 100,000 OHMS 1/2 WATT | 7117-88 | IF COIL ASSEMBLY |
| 10100-89 | 100,000 OHMS 1/2 WATT | 7117-89 | IF COIL ASSEMBLY |
| 10100-90 | 100,000 OHMS 1/2 WATT | 7117-90 | IF COIL ASSEMBLY |
| 10100-91 | 100,000 OHMS 1/2 WATT | 7117-91 | IF COIL ASSEMBLY |
| 10100-92 | 100,000 OHMS 1/2 WATT | 7117-92 | IF COIL ASSEMBLY |
| 10100-93 | 100,000 OHMS 1/2 WATT | 7117-93 | IF COIL ASSEMBLY |
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| 10100-95 | 100,000 OHMS 1/2 WATT | 7117-95 | IF COIL ASSEMBLY |
| 10100-96 | 100,000 OHMS 1/2 WATT | 7117-96 | IF COIL ASSEMBLY |
| 10100-97 | 100,000 OHMS 1/2 WATT | 7117-97 | IF COIL ASSEMBLY |
| 10100-98 | 100,000 OHMS 1/2 WATT | 7117-98 | IF COIL ASSEMBLY |
| 10100-99 | 100,000 OHMS 1/2 WATT | 7117-99 | IF COIL ASSEMBLY |
| 10100-100 | 100,000 OHMS 1/2 WATT | 7117-100 | IF COIL ASSEMBLY |