

INTRODUCTION

This Yearbook contains service information on all 1953 Philco Home Radios, Radio-Phonographs, Tropic Radios, and Record Changers.

The information on each model consists of a complete Service Manual, including schematic diagrams, alignment instructions, and replacement parts list.

In cases where modifications were made to a particular model, a supplementary sheet entitled REVISIONS AND ADDITIONS TO MODEL SERVICE MANUAL follows the service manual for that model. In general, the supplementary information contains such items as PARTS LIST ADDITIONS, PARTS LIST CORRECTIONS, PRODUCTION CHANGES, and REVISIONS TO CHARTS AND ILLUSTRATIONS.

PARTS LIST ADDITIONS

Items which should be added to the parts list, but which are not included in the original service manual, are listed under this heading in the supplementary information.

PARTS LIST CORRECTIONS

In cases where a part number in the original service manual should be corrected, the number has been deleted, leaving a blank space in the original parts list. The correct part number, together with the same reference symbol and description, appears on the supplementary page following the service manual. Part numbers of parts which are no longer replaceable items have also been deleted in the original service manual.

PRODUCTION CHANGES

In cases where a part has been changed during production, the reference symbol (when applicable), description, and part number of the new part are given under PRODUCTION CHANGES in the supplementary information. Any additional useful information, such as

a change in a connection point, is included with the description. Before a new part is ordered for a set, the production changes for that model should be consulted, to determine whether any change has been made.

Even though a production change is not indicated, the electrical values of some parts used in production may vary slightly from the values indicated, since a tolerance is permissible in many radio circuits. In every case the values substituted are so chosen that the operation will be unchanged.

RUN AND CODE NUMBERS

When minor changes are made in a radio, a new production run, identified by a new run number, is started. When more extensive, or basic, changes are made, a new code, identified by a new code number, is started.

Code numbers are stamped on the back of the radio chassis. (Some Code 121 sets are not marked with a code number; therefore, if no code number is found on a chassis, the set may be assumed to be Code 121.)

Run numbers are identified by the last two digits of a numerical series stamped on the back of the chassis. This holds true for sets made in either the Philadelphia, Pa. or Sandusky, Ohio plants. However, the run numbering system differs in each plant. Philadelphia run numbers start with first production as Run 1, but Sandusky first production is Run 50; consequently, Philadelphia Run 2 is equivalent to Sandusky Run 51, etc.

Example:

Number series 0332016702 = Philadelphia Run 2

Number series 0231015951 = Sandusky Run 2

The total production changes given for a particular radio are cumulative; for example, to obtain complete details on a Run 3 (Philadelphia) set, it is necessary to consult the original service manual (Run 1) as well as the production changes given for Runs 2 and 3.

**1953 RADIOS AND
RADIO-PHONOGRAPHS**

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RADIO-TELEVISIONS AND
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