How to Operate Your New

PHILCO

3-SPEED AUTOMATIC PHONOGRAPH



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FOLLOW STEPS IN NUMBERED ORDER

FIRST — **SET INSTRUMENT FRONT PANEL CONTROLS • LOAD RECORDS**

SECOND—**TO PLAY YOUR RECORDS AUTOMATICALLY**

THIRD — **TO PLAY YOUR RECORDS MANUALLY**

PHILCO • *Famous for Quality the World Over*

Your new Philco features a completely new three-speed automatic record changer which offers the utmost in simplicity. With just *one* tone arm and *one* Self-Adjusting Spindle, you have the right needle and the right speed for automatic or manual playing of all the newer phonograph-record types, as well as the standard 78 R.P.M. records.

The following table lists the number of records of each type which can be played automatically at one loading of the record changer. The records must be of one size and type (33-1/3, 45, or 78 R.P.M.) for each loading, and may consist of fewer records than those listed.

DO NOT ATTEMPT TO MIX TYPES OR SIZES IN ONE LOADING. When desired, any of the 7-inch, 10-inch, or 12-inch record types can be played manually.

RECORD SIZE	RECORD TYPE	RECORD SPEED	MAXIMUM NUMBER OF RECORDS IN EACH LOADING
7-inch	Long Play (LP)	33-1/3 R.P.M.	14
10-inch	Long Play (LP)	33-1/3 R.P.M.	12
12-inch	Long Play (LP)	33-1/3 R.P.M.	12
7-inch	Large Center Hole	45 R.P.M.	14 (See Note.)
10-inch	Standard	78 R.P.M.	12
12-inch	Standard	78 R.P.M.	10

NOTE : Insert only Philco Adapter, Part No. 54-4744 (obtainable from your Philco Dealer) in the large center hole of each record to be played.

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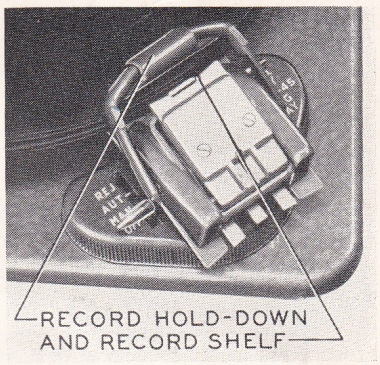
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1. Set the FRONT PANEL CONTROLS.

In addition to properly setting the controls on the record changer, the INSTRUMENT FUNCTION SWITCH, the OFF-ON switch, and the VOLUME and TONE controls on the instrument front panel are also used in the operation of the phonograph, as follows:

a. Set the INSTRUMENT FUNCTION SWITCH to the PH or PHONO position.

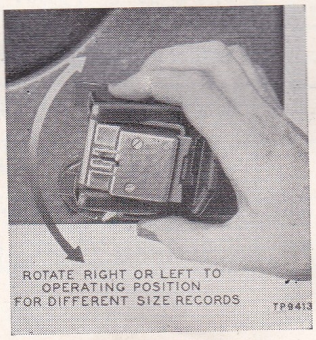
b. Set the OFF-ON switch to the ON position, and turn the VOLUME control to the right about halfway through its range. WAIT ABOUT ONE MINUTE FOR THE TUBES IN THE RECEIVER TO WARM UP.



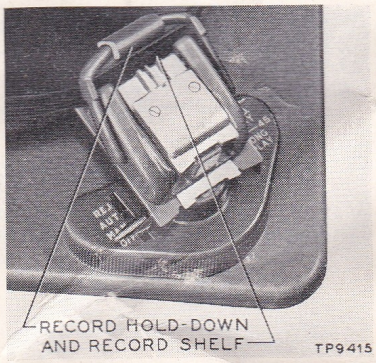
Record Shelf In 12-Inch Position

2. Position the RECORD SHELF.

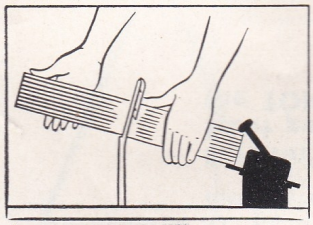
Rotate to the right or left until it clicks and locks in the proper operating position for the record size to be played.



Positioning Record Shelf



Record Shelf In 10-Inch Position



Loading Records on Changer



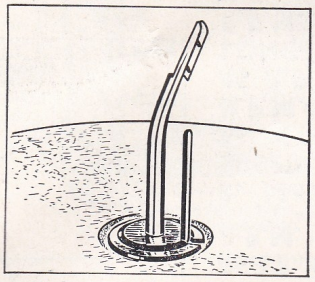
Inserting 45 R.P.M. Record Adapter



Positioning Record Shelf for 7-Inch Records

3. Load RECORDS.

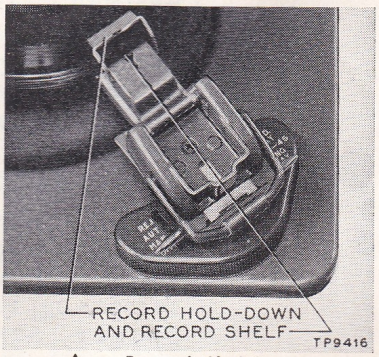
Load the records you wish to play, making certain that they are all of the same type and size.



45 R.P.M. Record Driver in Position

Before loading large center hole (45 R.P.M.) records, first, lay the records on a flat surface, and insert adapters by compressing the spiral arms to snap in place; then place the PHILCO 45 R.P.M. RECORD DRIVER over the Self-Adjusting Spindle and onto the turntable. The use of the 45 R.P.M. RECORD DRIVER will prevent slippage of 45 R.P.M. records. It is not for use with other types of records.

Each time the changer is loaded, move the record hold-down so that it rests on the top record.



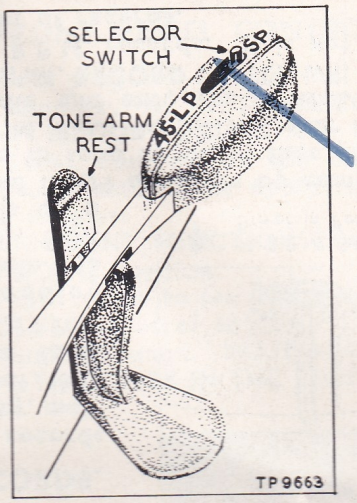
Record Shelf In 7-Inch Position

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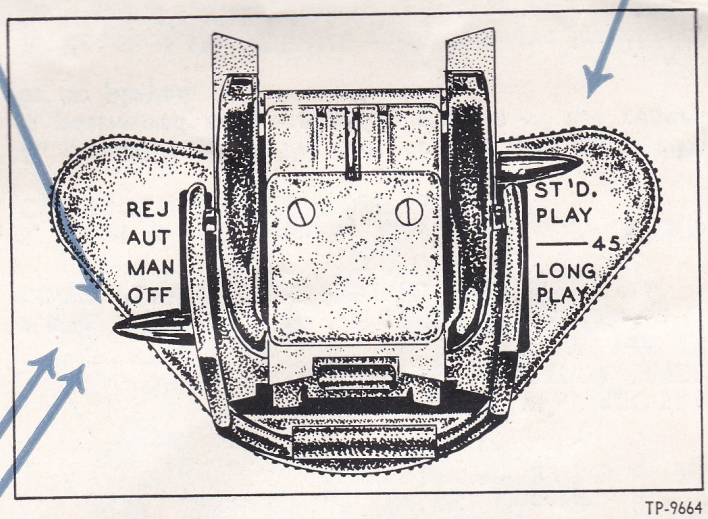
1. Load the record changer with the records you wish to play. DO NOT INTERMIX TYPES AND SIZES.

2. Set the DUAL-NEEDLE SELECTOR SWITCH to SP for standard (78 R.P.M.) records, or to 45-LP for 33-1/3 or 45 R.P.M. records.

3. Move the RECORD SPEED CONTROL LEVER to STD PLAY for 78 R.P.M. records, to 45 for 45 R.P.M. records, or to LONG PLAY for 33-1/3 R.P.M. records.

4. Push the OPERATING CONTROL LEVER to REJ momentarily, then allow to return to AUT.

5. Readjust the VOLUME control on the instrument front panel for the desired volume level and adjust the TONE control for the most pleasing tone.



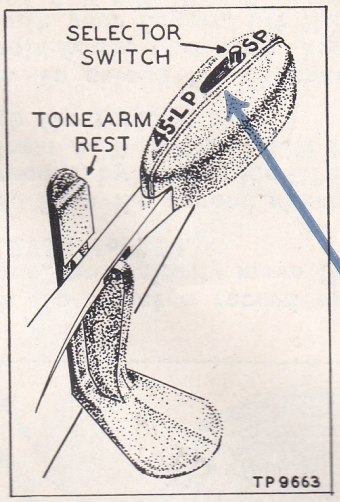
6. To reject a record and start playing the next one, momentarily move the OPERATING CONTROL LEVER to REJ.

7. Stop the record changer after playing the last record, by moving the OPERATING CONTROL LEVER from AUT to OFF. Lift the tone arm and place it on the rest.

8. To unload the changer, first lift up the record hold-down, and then, holding the records loosely with your fingers, lift the entire load up and over the Self-Adjusting Spindle.

SECOND—TO PLAY YOUR RECORDS AUTOMATICALLY

THIRD — TO PLAY YOUR RECORDS MANUALLY



1. Rotate the RECORD SHELF to the 12" position, and lift up the record hold-down.

2. Place the record over the Self-Adjusting Spindle and onto the turntable.

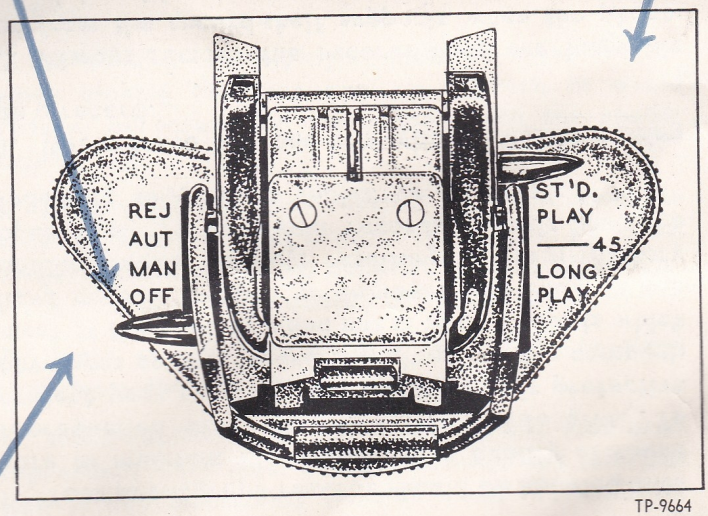
3. Set the DUAL-NEEDLE SELECTOR SWITCH to SP for standard (78 R.P.M.) records, or to 45-LP for 33-1/3 or 45 R.P.M. records.

4. Move the RECORD SPEED CONTROL LEVER to STD PLAY for 78 R.P.M. records, to 45 for 45 R.P.M. records, or to LONG PLAY for 33-1/3 R.P.M. records.

5. Start the changer by moving the OPERATING CONTROL LEVER from OFF to MAN.

6. Carefully place the tone arm so that the needle is positioned in the starting groove of the record to be played.

7. Readjust the VOLUME control on the instrument front panel for the desired volume level, and adjust the TONE control for the most pleasing tone.



TP-9664

8. Stop the record changer after playing the record, by moving the OPERATING CONTROL LEVER from MAN to OFF.

9. Lift the tone arm from the record, and place it on its rest.

THIRD – TO PLAY YOUR RECORDS MANUALLY

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HOW TO CARE FOR YOUR RECORDS

Your phonograph records should be handled with care to maintain the original high quality of sound reproduction which they are designed to give. To protect your records, keep them in their protective envelopes or in a record file, album, or the compartment of the cabinet when not in use. Records which have become warped or damaged will slide on one another while playing, resulting in unsatisfactory operation. To keep your records at their best, the following suggestions should be observed:

1. Never leave the tone arm with the needle resting on a record.

2. Always remove the records from the turntable or from the record-shelf supports when the phonograph is not in use.

3. Place your records on a flat surface when they are not in their protective envelopes.

4. Do not allow sunlight or heat from any other source to fall directly on your records for any length of time.

5. Be careful when playing records manually, or when placing the tone arm on its rest, to avoid striking or scratching the record with the needle point.

6. Always handle your records by their edges so that the fingers do not contact the playing surfaces. Fingerprints cause hard deposits of dust to accumulate, and impair the quality of reproduction.

7. Use a camel's-hair brush or soft cloth to clean dust from the surfaces of your records.

8. When replacing the dual-needle in the tone-arm-reproducer cartridge, be sure to read the information in the instruction booklet under REPLACING DUAL-NEEDLE ASSEMBLY.

9. To eliminate record squeak resulting from an undersize center hole, or from certain materials used in making records, apply a light coat of wax or vaseline to the Self-Adjusting Spindle of the record changer.



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