

Admiral

**triple-play automatic
phonograph**



PLAYS ALL RECORDS

All sizes . . . All speeds . . . All automatically . . .

All through a single tone arm!

IMPORTANT—READ THOROUGHLY

HERE ARE YOUR

OPERATING INSTRUCTIONS

to help you get the most enjoyment from this amazing new record changer. Determine the RPM speed of the records you wish to play. Then look under the proper "How To Play" heading on the inside pages, and follow the instructions carefully.

1 REMOVE OTHER CENTERPOST

If WIDE-DIAMETER CENTERPOST for 7-inch (45 RPM) records is in turntable, REMOVE thusly: Place one hand on the turntable. With the other hand turn 45 RPM centerpost **TO THE RIGHT** until "lock-in lugs" disengage from slots. Then lift centerpost out.

If ANGLE-SHAPED CENTERPOST for 7-inch (33 $\frac{1}{3}$ RPM) records is in turntable, REMOVE thusly: Place one hand on turntable while pulling this centerpost straight up and out with other hand.



2 INSERT STRAIGHT CENTERPOST

Place the straight centerpost in the hole in the center of turntable. Push down all the way until it "locks" in place. Be sure that the small piece which slides up (near top of centerpost) faces in towards the "Roto Selector."



3 SET SPEED CHANGE KNOB TO "78"

Move the "Speed-Change" knob so that its indicating arrow points to "78." Make certain that this knob "clicks" or "snaps" into position.

Turntable is now set to revolve at 78 RPM (Revolutions Per Minute).



4 SELECT THE 78 RPM NEEDLE

Rotate the "Needle Selector" knob so that the side marked "78" faces up. Be sure that this knob is turned all the way until it reaches its stop. Otherwise the needle will not "ride" properly in the record groove.

Important: Knob will only rotate in direction shown by small arrow.

Do not try to force it to turn in the wrong direction. Always be sure that the "78" faces up for 78 RPM records. The "LP" side must *not* face up!



5 SET THE RECORD SIZE SELECTOR KNOB

To play *either* 10-inch or 12-inch records, turn the "Record Size Selector" knob *all the way to the RIGHT* until it reaches its stop.

If it is not turned all the way, the tone arm will not set down correctly on the edge of the records being played.



HOW TO PLAY 78 RPM RECORDS

(Important! Set the switch on your radio to the "Phono" position. Carefully read all information in the Radio Instruction Sheet under the heading "Phonograph.")



6 SET THE ROTO SELECTOR

For 10-inch records—rotate the “Roto Selector” so that the embossed design is *towards* the centerpost.

For 12-inch records—rotate the “Roto Selector” so that the embossed design is *away* from the centerpost.

The “Roto Selector” should be turned (in either direction) until it “clicks” and “locks.” A slight pressure may be needed to start rotation.

7 LOAD PHONOGRAPH WITH 78 RPM RECORDS

10-inch records—load up to 12 discs, no more!

12-inch records—load up to 10 discs, no more!

Do not mix record sizes. Also, do not load 33 $\frac{1}{3}$ RPM or 45 RPM records in with the standard 78 RPM type.

Stack your records in the order you want them played. Bottom record in stack will be played first. Slide stack of records down over centerpost until they rest on the centerpost “ledge.” The edge of bottom record will be held up by the record supports on the “Roto Selector.” Swing the record clip on “Roto Selector” so that it rests on the top record in stack.

8 STARTING THE PHONOGRAPH

Turn the “On-Off-Reject” knob to the “ON” position. Press down momentarily on the “On-Off-Reject” knob to the “REJECT” position. The bottom record will then drop to the turntable, and the phonograph will play the entire stack of records automatically.

REJECTING RECORDS. Merely press down on the “On-Off-Reject” knob for an instant. The unwanted record will be rejected immediately.

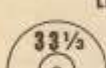
9 STOPPING AND UNLOADING PHONOGRAPH

Let the last record finish playing. Allow phonograph to go through change cycle once more, and start playing the last record over again. Then turn the “On-Off-Reject” knob to the “OFF” position. Lift tone arm, and move it clear of turntable.

Never use the “On-Off” switch on the *Radio* to shut off phonograph while the mechanism is in its change cycle.

To unload phonograph, swing the record clip on “Roto Selector” away from records. Then place fingers under entire stack of records. Hold loosely. Now lift entire stack straight up off centerpost, keeping records horizontal. Tilting the records or holding them too tightly will cause them to bind, and if they are forced the record center holes may chip or become enlarged.

ALL THESE RECORDS... PLAYED AUTOMATICALLY!

LP (LONG-PLAY)		STANDARD
		
7-INCH (plays up to 10) 10-INCH (plays up to 12) 12-INCH (plays up to 10)	7-INCH (plays up to 12)	10-INCH (plays up to 12) 12-INCH (plays up to 10)

THREE INTERCHANGEABLE CENTER POSTS

Your Admiral Triple-Play Phonograph is designed to use three centerposts. One centerpost is used for automatically playing the 10-inch and 12-inch sizes of 33 1/2 and 78 RPM records. In order to play the smaller 7-inch sizes of 33 1/2 and 45 RPM records, two accessory centerposts must be used. This method of using interchangeable centerposts assures extremely simple, quick, easy record loading of any size or type of record for automatic playing. Detailed step-by-step instructions are provided on the inside pages of this instruction folder showing how each centerpost is utilized.

OPERATING HINTS

- Do not mix records—play a stack of the same size and type (RPM speed).
- Never leave the tone arm with the needle resting on a record or on the turntable. Always move it off to the side.
- Do not leave records on the centerpost. They may warp. To protect your records, keep them in a record file, album, or cabinet when not in use.
- If the tone arm is lifted and moved back and forth by hand, a slight scratching sound will be heard. This is a perfectly normal condition.
- Do not stop the phonograph while it is going through its change cycle. Wait until it is playing a record.
- When changing centerposts be certain that the correct one is inserted properly, and that it "locks" in place.
- When replacing needles be sure to read instructions under "Needle Replacement."
- Do not force any control or portion of the mechanism. Read the instructions again. You may be trying to turn a control in the wrong direction.
- When playing very old or non-standard records, it will be necessary to press the "Off-On-Reject" knob down momentarily if the phonograph does not begin its change cycle automatically after the record has finished playing.

45 RPM RECORD SLIPPAGE

- When first playing new 45 RPM records they may slip on each other. This can easily be corrected by making a series of shallow scratches on the record label. Do not scratch record grooves. If this doesn't eliminate record slippage, stick two small pieces of scotch tape opposite from each other on the record label. Do this on both sides of the record.

45 RPM CENTERPOST ADJUSTMENT

(Read Carefully Before Playing 45 RPM Records for the First Time)

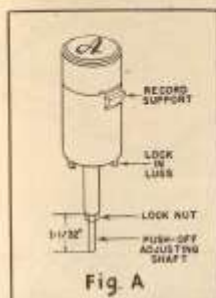


Fig. A

IMPORTANT! There is only one adjustment (push-off adjusting shaft) on this centerpost, and it should be CHECKED AND ADJUSTED, if necessary, before playing 45 RPM records.

The push-off adjusting shaft is pre-set at the factory so that the distance between the end of the shaft and the top of the lock nut is 1-1/32". (See Figure A) This adjustment should be satisfactory for correct automatic operation. However, THE ADJUSTMENT SHOULD BE CHECKED BEFORE THE 45 RPM CENTERPOST IS USED. Proceed as follows:

1. Insert the 45 RPM centerpost in the hole in the center of the turntable. Let the "lock-in" lugs fall into the three corresponding slots. (Do not, however, lock the lugs into the turntable.)

2. Press down on the centerpost, and CAREFULLY note whether or not the slicers just start to move out of the centerpost. (The phonograph must not be in change cycle when making this test.)

3a. If the slicers do not move when the centerpost is pressed down, proceed with Step 4, ignoring Step 3b.

3b. If the slicers start to move out of the centerpost as it is pressed down (See Figure B), lift the centerpost out of the turntable. Then loosen the lock nut. Now turn the push-off adjusting shaft IN, approximately one turn. Tighten the lock nut. Insert the centerpost in the turntable again, press down, and check to see if the slicers still move out. If the slicers still move out, repeat this procedure, turning the adjusting shaft IN, approximately one turn at a time, until the slicers do not move out when the centerpost is pressed down.

4. Insert the centerpost in the turntable, and LOCK IT IN PLACE. Set the "Speed-Change Switch" at the "45" position. Then turn the "Rate Selector" in the position for 7-inch and 10-inch records. Now set the "Needle Selector" knob for Long-Play records (side marked "LP" facing up). Place a stack of 45 RPM records on the centerpost, turn the phonograph on, and momentarily press the "On-Off-Reject" knob down to the "Reject" position.

5. If the bottom record drops to the turntable, keep on rejecting records until the whole stack has dropped to the turntable. Each record should slide smoothly down the centerpost. If all records drop correctly, the centerpost adjustment is satisfactory.

6. If the records do not drop, remove the centerpost. Loosen the lock nut, and turn the push-off adjusting shaft OUT approximately one turn. Repeat Steps 1 and 2, check Step 3b, and then proceed with Steps 4 and 5. Repeat this procedure until records drop satisfactorily.

REMEMBER—all records must be of the same size and rpm speed. DO NOT INTERMIX!



Fig. B

NEEDLE REPLACEMENT

Two needles are provided with this phonograph. Under normal conditions and average use each needle will give about one year's service.

The needle for "LP" records is painted red to distinguish it from the "78" RPM needle. The needle guard on the "LP" side of the pickup cartridge has a red color dot. When replacing either needle make certain that it is inserted in the correct side of the cartridge.

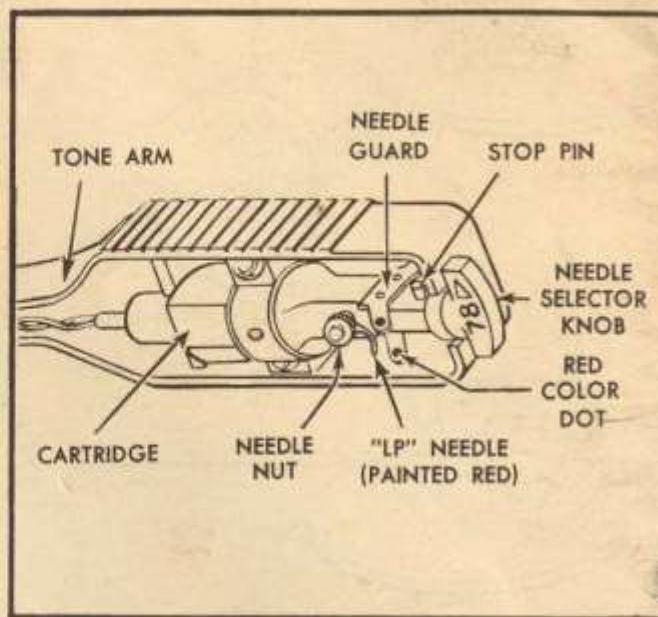
To remove either needle, loosen the small knurled needle nut. Insert the new needle. A tweezer will be helpful. Then firmly tighten needle nut. Be positive that the needle extends below the tips of the needle guard. Your Admiral dealer has both needles. Order from him by Part Number:

"LP" NEEDLE Part No. 98A15-6

"78" NEEDLE Part No. 98A15-7

When replacing the pickup cartridge, order:
Admiral Part No. 409A11

CARTRIDGE AND NEEDLE DETAIL



STOPPING RECORD SQUEAK

It is possible that your 33 $\frac{1}{3}$ RPM or 78 RPM records may squeak. This is probably due to one or both of two causes: 1) an undersize center hole, or 2) the materials from which the records are made. To eliminate this annoyance apply a light coating of wax or petroleum jelly to the centerpost.

PLAYING ONE RECORD AT A TIME

To play 33 $\frac{1}{3}$ RPM or 78 RPM records manually, place the record on the turntable. Set the "Needle Selector" knob to the proper position. Set the "Speed-Change" knob for the correct RPM speed. Then turn the "On-Off-Reject" knob to the "ON" position, and place the tone arm on the record. When the record is finished the phonograph will start its change cycle. When the change cycle is completed, turn the "On-Off-Reject" knob to the "OFF" position.

Home recordings may also be played manually.

WARRANTY

We warrant each new Admiral Record Changer to be free from defects in factory workmanship or material under normal use and service. Our obligation under this warranty is limited to repairing or exchanging any defective part of the Record Changer, if the part is returned through our distributor, transportation prepaid, within 90 days from the date the Record Changer is sold to the original purchaser.

If the Record Changer does not operate properly, immediately contact the dealer from whom it was purchased, and request repairs within the terms of this warranty.

Our obligation is limited to supplying parts, thus we do not obligate ourselves to replace the complete Record Changer. This warranty is void on any Record Changer which has been tampered with or which has been subject to misuse, negligence or accident.

This warranty is in lieu of all other warranties, expressed or implied, and no representative or person is authorized to assume for us any other liability in connection with the sale of Admiral products.

Admiral Corporation

CHICAGO 47, ILLINOIS

1 REMOVE OTHER CENTERPOST

If WIDE-DIAMETER CENTERPOST for 7-inch (45 RPM) records is in turntable, REMOVE thusly: Place one hand on the turntable. With the other hand turn 45 RPM centerpost TO THE RIGHT until "lock-in lugs" disengage from slots. Then lift centerpost out.

Either of the other two centerposts (STRAIGHT POST for 10-inch and 12-inch records or ANGLE-SHAPED POST for 7-inch 33 $\frac{1}{3}$ RPM records) may be removed thusly: Place one hand on the turntable while pulling centerpost up and out with other hand. REMOVE whichever centerpost you are not going to use, if it happens to be in turntable.

2 INSERT CORRECT CENTERPOST

For 10-inch and 12-inch records—Place the STRAIGHT CENTERPOST in the hole in center of turntable.

For 7-inch records—Place the ANGLE-SHAPED CENTERPOST in the hole in center of turntable.

Either centerpost must be pushed down all the way until it "locks" in place. Be sure that the small piece which slides up (near top of centerpost) faces in towards the "Roto Selector."

3 SET SPEED CHANGE KNOB TO "33"

Move the "Speed-Change" knob so that its indicating arrow points to "33." Make certain that this knob "clicks" or "snaps" into position. Turntable is now set to revolve at 33 $\frac{1}{3}$ RPM (Revolutions Per Minute).

4 SELECT THE "LP" NEEDLE

Rotate the "Needle Selector" knob so that the side marked "LP" faces up. ("LP" stands for "Long Play," a common term used to describe both 33 $\frac{1}{3}$ RPM and 45 RPM records.) Be sure that this knob is turned all the way until it reaches its stop. Otherwise the needle will not "ride" properly in the record groove.

Important: Knob will only rotate in direction shown by small arrow. Do not try to force it to turn in the wrong direction. Always be sure that the "LP" faces up for 33 $\frac{1}{3}$ RPM records. The "78" side must not face up!

5 SET THE RECORD SIZE SELECTOR KNOB

For 10-inch or 12-inch records—turn the "Record Size Selector" knob *all the way to the RIGHT* until it reaches its stop.

For 7-inch records—turn the "Record Size Selector" knob *all the way to the LEFT* until it reaches its stop.

If this knob is not turned all the way, the tone arm will not set down correctly on the edge of the records being played.

HOW TO PLAY 33 1/3 RPM RECORDS

(Important! Set the switch on your radio to the "Phono" position. Carefully read all information in the Radio Instruction Sheet under the heading "Phonograph.")



6 SET THE ROTO SELECTOR

For 7-inch or 10-inch records—rotate the “Roto Selector” so that the embossed design is *towards* the centerpost.

For 12-inch records—rotate the “Roto Selector” so that the embossed design is *away* from the centerpost.

The “Roto Selector” should be turned (in either direction) until it “clicks” and “locks.” A slight pressure may be needed to start rotation.

7 LOAD PHONOGRAPH WITH 33 $\frac{1}{3}$ RPM RECORDS

7-inch records—load up to 10 discs, no more!

10-inch records—load up to 12 discs, no more!

12-inch records—load up to 10 discs, no more!

Do not mix record sizes. Also, do not load 78 RPM or 45 RPM records in with the 33 $\frac{1}{3}$ RPM type.

Stack your records in the order you want them played. Bottom record in stack will be played first. Slide stack of records down over centerpost until they rest on the centerpost “ledge.” The edge of bottom record will be held up by the record supports on the “Roto Selector.” Swing the record clip on the “Roto Selector” so that it rests on the top record in the stack.

8 STARTING THE PHONOGRAPH

Turn the “On-Off-Reject” knob to the “ON” position. Press down momentarily on the “On-Off-Reject” knob to the “REJECT” position. The bottom record will then drop to the turntable, and the phonograph will play the entire stack of records automatically.

REJECTING RECORDS. Merely press down on the “On-Off-Reject” knob for an instant. The unwanted record will be rejected immediately.

9 STOPPING AND UNLOADING PHONOGRAPH

Let the last record finish playing. Allow phonograph to go through change cycle once more, and start playing the last record over again. Then turn the “On-Off-Reject” knob to the “OFF” position. Lift tone arm, and move it clear of turntable.

Never use the “On-Off” switch on the *Radio* to shut off phonograph while the mechanism is in its change cycle.

To unload phonograph, swing the record clip on “Roto Selector” away from records. Then place fingers under entire stack of records. Hold firmly, but loosely. Now lift entire stack straight up off centerpost. Keep 10-inch and 12-inch records *horizontal* while doing this. Otherwise the records may bind with resulting damage.

However, 7-inch records must be removed in a different manner. When the top 7-inch record reaches the first bend in the centerpost, *tilt* the stack towards the “Roto Selector.” Holding the records loosely, move them across the bent portion of the centerpost. Then work them around the second bend, and lift straight up and off.

1 REMOVE OTHER CENTERPOST

If either STRAIGHT CENTERPOST or ANGLE-SHAPED CENTERPOST is in turntable, REMOVE thusly: Place one hand on the turntable while pulling centerpost straight up and out with other hand.

2 INSERT 45 RPM CENTERPOST

(IMPORTANT: If this unit is being used to play 7-inch 45 RPM records for the first time, be sure to follow the procedure under the heading "45 RPM CENTERPOST ADJUSTMENT")

Place the 45 RPM (WIDE DIAMETER) CENTERPOST in the hole in the center of turntable. Then turn the unit counterclockwise (TO THE LEFT) until the "lock-in lugs" fall into and lock in the three corresponding turntable slots.

3 SET SPEED CHANGE KNOB TO "45"

Move the "Speed-Change" knob so that its indicating arrow points to "45." Make certain that this knob "clicks" or "snaps" into position. Turntable is now set to revolve at 45 RPM (Revolutions Per Minute).

4 SELECT THE "LP" NEEDLE

Rotate the "Needle Selector" knob so that the side marked "LP" faces up. ("LP" stands for "Long Play," a common term used to describe both 33 $\frac{1}{3}$ RPM and 45 RPM records.) Be sure that this knob is turned all the way until it reaches its stop. Otherwise the needle will not "ride" properly in the record groove.

Important: Knob will only rotate in direction shown by small arrow.

Do not try to force it to turn in the wrong direction. Always be sure that the "LP" faces up for 45 RPM records. The "78" side must *not* face up!

5 SET THE RECORD SIZE SELECTOR KNOB

To play 7-inch 45 RPM records, turn the "Record Size Selector" knob *all the way to the LEFT* until it reaches its stop.

If this knob is not turned all the way, the tone arm will not set down correctly on the edge of the records being played.

HOW TO PLAY 45 RPM RECORDS

(Important! Set the switch on your radio to the "Phono" position. Carefully read all information in the Radio Instruction Sheet under the heading "Phonograph.")



6 SET THE ROTO SELECTOR

For 7-inch 45 RPM records, rotate the "Roto Selector" so that the embossed design is *towards* the centerpost.

The "Roto Selector" should be turned (in either direction) until it "clicks" and "locks." A slight pressure may be needed to start rotation.

7 LOAD PHONOGRAPH WITH 45 RPM RECORDS

7-inch records—load up to 12 discs, no more!

The wide-diameter centerpost used for 45 RPM records cannot be used to play 33 $\frac{1}{3}$ RPM or 78 RPM records.

Stack your records in the order you want them played. Bottom record in stack will be played first. Slide stack of records down over centerpost so that they rest on the projecting record supports. That's all. Records are now ready to be played automatically.

8 STARTING THE PHONOGRAPH

Turn the "On-Off-Reject" knob to the "ON" position. Press down momentarily on the "On-Off-Reject" knob to the "REJECT" position. The bottom record will then drop to the turntable, and the phonograph will play the entire stack of records automatically.

REJECTING RECORDS. Merely press down on the On-Off-Reject knob for an instant. The unwanted record will be rejected immediately.

9 STOPPING AND UNLOADING PHONOGRAPH

Let the last record finish playing. Allow phonograph to go through change cycle once more, and start playing the last record over again. Then turn the "On-Off-Reject" knob to the "OFF" position. Lift tone arm, and move it clear of turntable.

Never use the "On-Off" switch on the *Radio* to shut off phonograph while the mechanism is in its change cycle.

To unload phonograph, place fingers under entire stack of records. Hold firmly, but loosely. Then lift entire stack straight up off centerpost, keeping records horizontal.