



# ROCK-OLA

## INSTALLATION MANUAL

### MODEL 1464

(120 SELECTION HI-FIDELITY)

**ROCK-OLA** *Manufacturing Corporation*

800 N. KEDZIE AVE., CHICAGO 51, ILLINOIS



**Fig. 1—Phonograph Cabinet**

#### 117 V. LINE CORD

Check location power line outlet before plugging in phonograph. Make certain that outlet provides electrical requirements stamped on serial plate (A-Fig. 1) affixed to lower right hand side of phonograph cabinet. Power line should supply 117 volts — 60 cycles — 280 watts (max.) — single phase.

NOTE: Where power lines supply 220 volts — 50 cycle, the phonograph power panel is equipped with a proper step-down transformer.

#### POWER AND LIGHT SWITCH

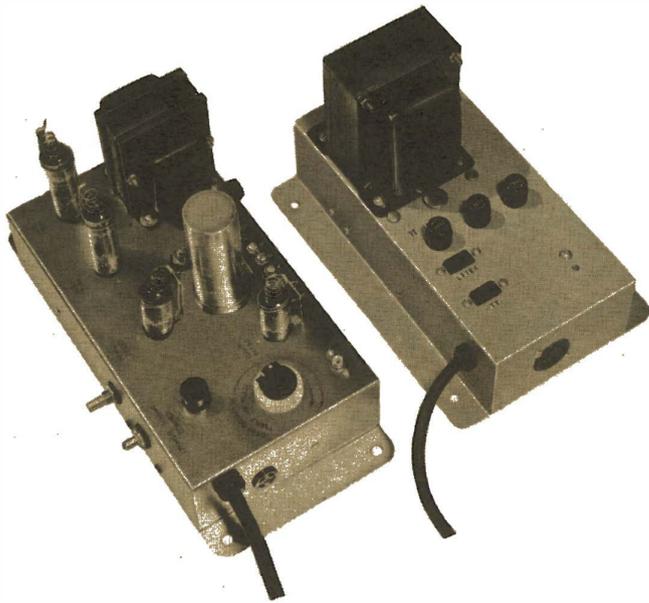
Master line switch (D-Fig. 1) is located on top of phonograph cabinet. This switch controls all power mechanism and lights. If coins are inserted for play credits while master switch is in "OFF" position, credits will not accumulate.

#### REJECT SWITCH

Location of this switch is on top of phonograph (B-Fig. 1). To reject a record that is being played, depress plunger momentarily.

#### VOLUME CONTROL

Volume is adjusted by turning by hand, a slotted shaft (C-Fig. 1) at top of phonograph.



**Fig. 2—View of Amplifier and Power Distribution Panel**

#### AMPLIFIER AND POWER PANEL

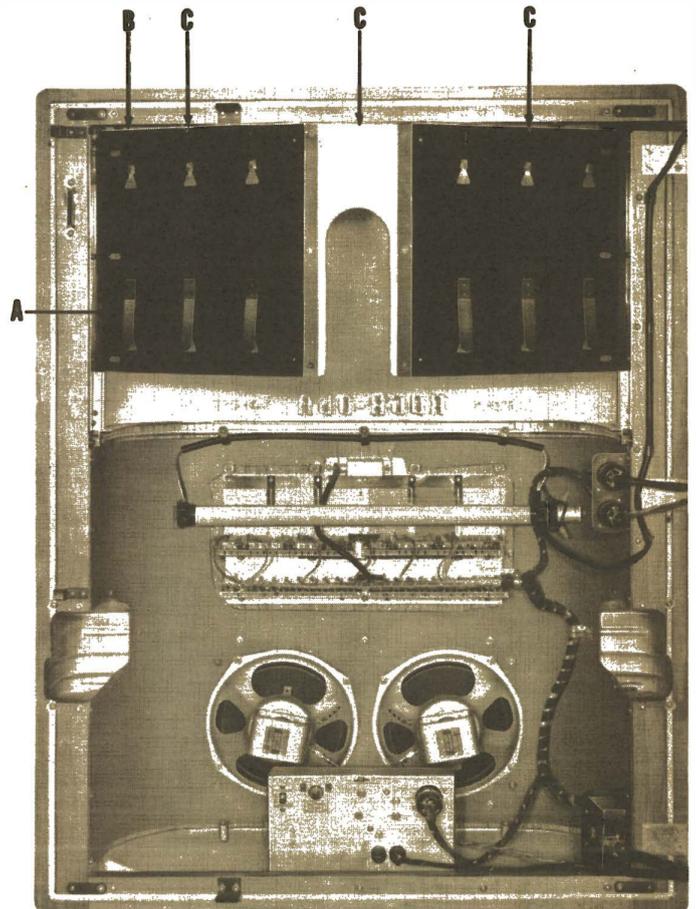
1. Make sure that tubes are tight in sockets.
2. Check tightness of plugs in receptacles.
3. At no time should tubes be removed from amplifier while phonograph is on.
4. The "START RELAY" and "RECTIFIER" are found in the power panel which contains the power circuits for the entire phonograph.

#### TO INSTALL TITLE STRIPS

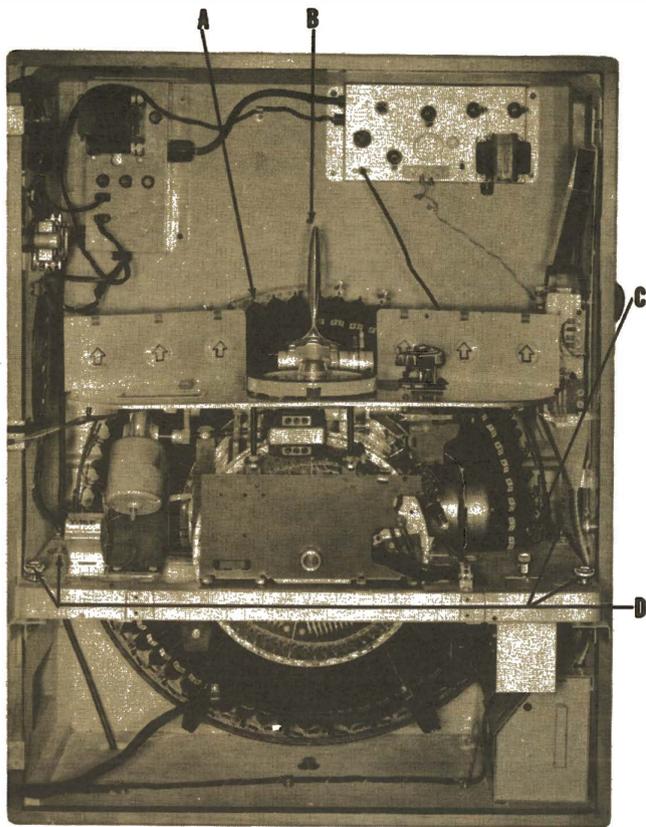
1. Each section of 20 selections is identified by color and record numbers. This corresponds to the same color and record numbers on the record magazine and also the colors correspond to front door program switch buttons.
2. To remove colored program holders, pull up slightly on springs (A-Fig. 3) and push down on lug (B-Fig. 3). To assure correct programming, install title strips into the program holders and insert records into the record magazine matching the color and record number.

#### LIGHTING EFFECT

1. Program lighting is accomplished by a 20 watt fluorescent tube in dome of front door. The fluorescent light starter is located on the left side of mechanism cabinet, adjacent to light ballasts. For replacement of fluorescent tube, 6 screws must be removed from the dome light shield. Three screws are located at rear and top of shield, (C-Fig. 3). The other 3 screws are in front and under the light shield.
2. Picture window lighting is supplied by a 15 watt fluorescent tube behind the switches. The light starter is located on the right side of tube.



**Fig. 3—Inside View of Front Door**



**Fig. 4—Inside View of Cabinet**

#### MECHANISM ANCHOR LOCKS

Four anchor bolts (D-Fig. 4) must be unscrewed as far as possible before operating phonograph. These bolts must be tightened securely whenever the phonograph is transported.

**IMPORTANT: REMOVE WOODEN PACKING BLOCKS FROM UNDERNEATH MECHANISM CHASSIS BEFORE SETTING PHONOGRAPH IN OPERATION.**

#### SERVICE SCAN SWITCH

The "service scan switch" (C-Fig. 4) located on the right front chassis above control box, may be operated at any time to stop mechanism at any point of operation. For service purposes, make certain that switch is in "Operate" position after servicing mechanism.

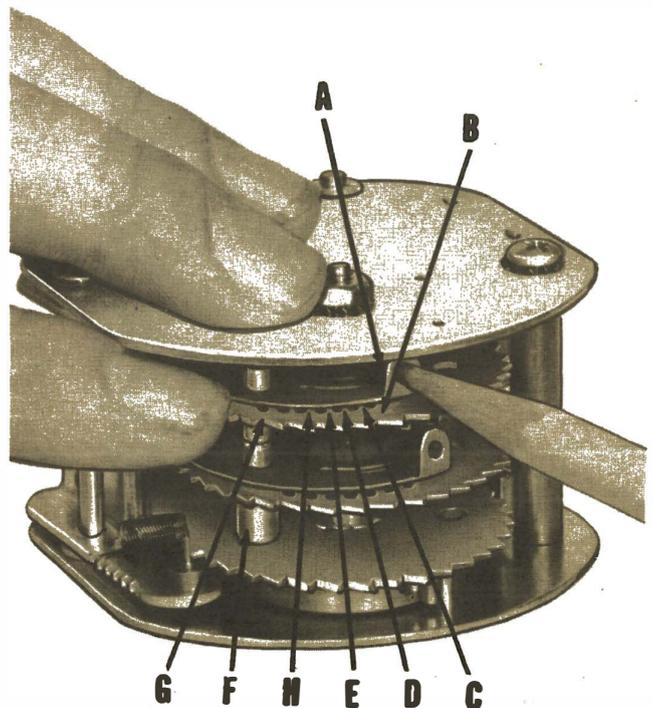
Moving service scan switch (C-Fig. 4) to the left to "scan" position, causes the record magazine (A-Fig. 4) to rotate. Releasing the service scan switch will stop the record magazine in any position to install or remove records.

#### TO INSTALL RECORDS

1. Move service scan switch (C-Fig. 4) to "scan" position and hold there until record magazine rotates.
2. If record magazine does not rotate due to phonograph being in "Music play" position; place tone-arm in record cut-off groove and allow grip arm (B-Fig. 4) to return record to record magazine. The record magazine will then rotate.
3. After record magazine begins to rotate, move service scan switch (C-Fig. 4) to "OFF" position.
4. Release service scan switch in position desired to stop record magazine to install records.
5. After records have been installed, reset mechanism power switch to "operate" position.

#### TO REMOVE SLUG REJECTOR

1. Move locking arm (A-Fig. 6) to the left. To remove slug rejector, lift up and outward.
2. To replace, insert lower pivot pins of slug rejector into lower housing slots. Swing upper part of slug rejector back into position and latch with locking arm (A-Fig. 6).



**Fig. 5—View of Accumulator**

## COIN CONVERSION INSTRUCTION

All Rock-Ola Model 1464 phonographs are sent from the factory with the accumulator and slug rejector set for "one play for two nickels — one play for dime — three plays for quarter".

### TO ADJUST ACCUMULATOR & SLUG REJECTOR

#### 1. FOR ONE PLAY 5c, TWO PLAYS 10c AND FIVE PLAYS (OR SIX PLAYS) FOR 25c OPERATION.

- A. Remove jumper wire from 5c and 10c terminals on slug rejector housing.
- B. Connect white-red tracer wire which is taped to the terminal cable, to the 10c terminal.
- C. Insert pointed tool into ear on upper wafer (A-Fig. 5) lift slightly, raising wafer pin (B-Fig. 5) from hole.
- D. Keep ratchet wheel (G-Fig. 5) from rotating and move upper wafer until pin drops into five play hole (D-Fig. 5) or six play hole (C-Fig. 5).
- E. On slug rejector, transpose screw (G-Fig. 6) with screw (F-Fig. 6). This will prevent toggle from operating. The toggle should lay in a horizontal position as screw (F Fig. 6) is turned inward.
- F. Replace decal on dome glass with properly designated one.

#### 2. FOR ONE PLAY 10c AND THREE PLAYS FOR 25c OPERATION.

- A. Same as 1A on previous column.
- B. Move white-black tracer wire from 5c terminal and fasten securely to 10c terminal.
- C. Same as 1C on previous column.
- D. Keep ratchet wheel (G-Fig. 5) from rotating and move upper wafer until wafer pin drops into the three play hole (H-Fig. 5) closest to ratchet spring stud (F-Fig. 5).
- E. Set slug rejector to reject 5c coins by removing cover plate on slug rejector (E-Fig. 6). Insert a 5/40 x 5/16 inch round head machine screw into hole (D-Fig. 6). This will prevent a 5c coin from entering cradle (C-Fig. 6). Replace cover plate.
- F. Same as 1F on previous column.

#### 3. FOR ONE PLAY 10c AND FOUR PLAYS FOR 25c OPERATION.

- A. Same as 1A on previous column.
- B. Same as 2B above.
- C. Same as 1C on previous column.
- D. Keep ratchet wheel (G-Fig. 5) from rotating and move upper wafer until wafer pin drops into four play hole (E-Fig. 5).
- E. Same as 2E above.
- F. Same as 1F on previous column.

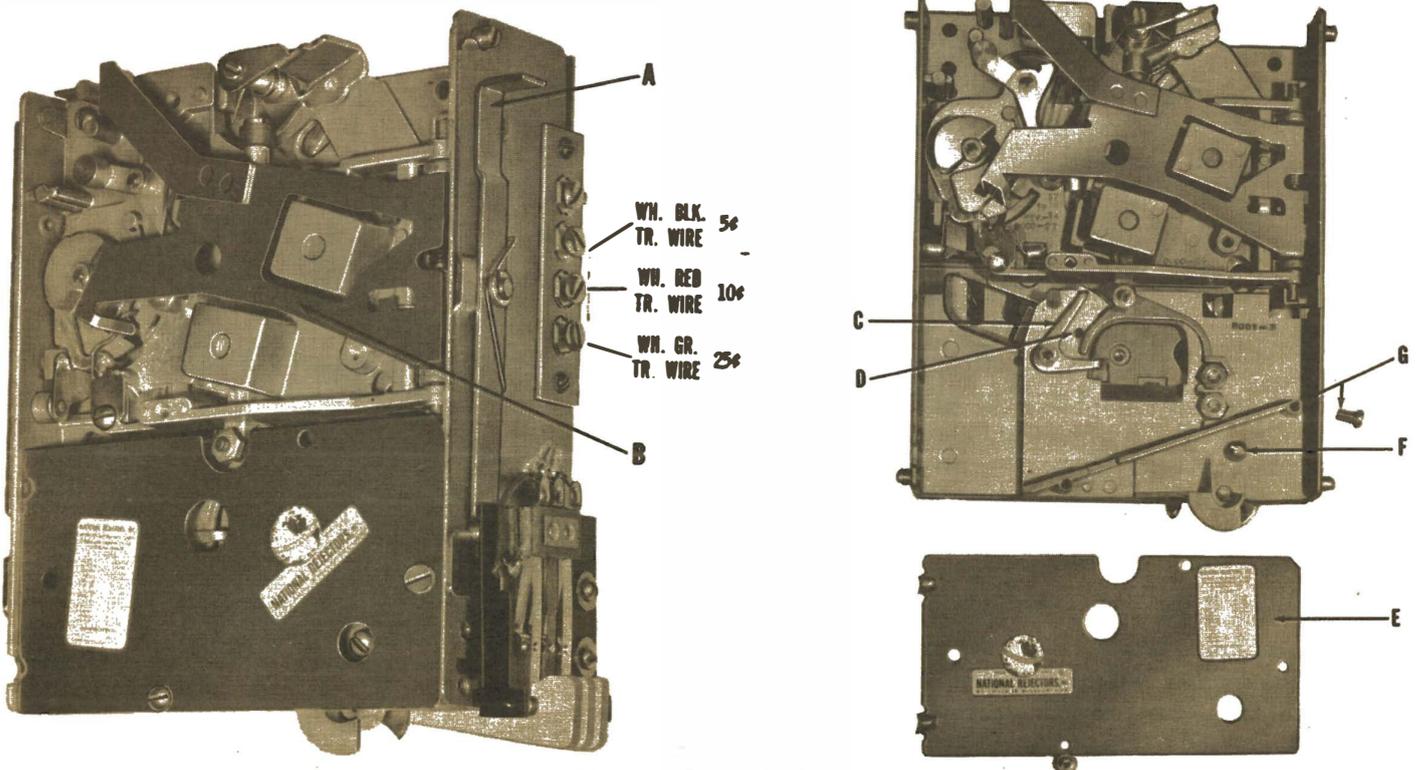


Fig. 6—Slug Rejector