

OPERATING INSTRUCTIONS

SEEBURG

SELECT-O-MATIC LIBRARY MODEL SL-2, BA-2

After the installation has been completed, the unit can be put into operation by proceeding as outlined below.

SELECT-O-MATIC "200" LIBRARY

LOADING RECORDS

Records are inserted into the Library Magazine one record to each slot. Any standard 10 inch or 12 inch records may be used. Arrange records in the sequence to be played starting at the left (No. 1). 10 inch and 12 inch records may be intermixed in any sequence desired.

CAUTION: Do not force records! Any normal record will fall into the slot freely. However, a record that has been improperly stored may be so badly warped so as to bind in the slot. Such records would not be properly played in any automatic mechanism and should be discarded or straightened by playing under pressure between two pieces of plate glass overnight at room temperature. When not in the Select-O-Matic Library, records should be stored in albums in a vertical position away from excess heat.

ALBUMS

With albums containing a complete selection on each record side, the sequence is not important and such records may be played in any sequence. Concert type of albums in which selections are carried over from side to side of records should be of STANDARD (OR MANUAL) SEQUENCE, designated as follows:

COLUMBIA: "M" Series - Manual

"X" Series - Manual (2-Record Album)

RCA-VICTOR: "M" Series - Manual

DECCA: "A" Series - Manual

Record Albums of the "Automatic" (Drop Type) Series will not play in proper sequence in this mechanism.

SELECTING RECORDS

The SELECTOR LEVERS on the Selector Panel are used to select records in the Library to set up a program. The SELECTOR LEVERS have four positions.

1. OFF POSITION If all selector levers are in the OFF (downward) position, no record is played.
2. YELLOW POSITION This is the first stop as levers are raised. Setting a lever to this position will cause the mechanism to play the Left Side only as viewed from the front of the Library.
3. YELLOW AND RED POSITION This is the second lever stop; the mechanism will play first the Left Side and then the Right Side of the record.
4. RED POSITION This is the third and last stop; the mechanism will play the Right Side only.

CONTROL PANEL

ON-OFF SWITCH (Circuit Breaker)

This switch is used to turn power ON and OFF, and automatically interrupts power in case of overload or short circuit. This switch must be "ON" for operation of the equipment.

NOTE: This unit will not operate with the back doors removed because of the safety feature provided by door interlock switches.

CONTROL CIRCUIT SWITCH

Leave this switch in position "1" unless instructed otherwise by the installation technician.

PROGRAM TIMING SWITCH

When turned to the "MANUAL" position, this switch will turn on the Select-O-Matic Library, assuming that the ON-OFF switch is ON. In the "OFF" position, this switch will stop the Select-O-Matic Library but will keep all tubes heated and in a standby condition. This switch should be turned OFF when changing records.

NOTE: A "carry-over" feature will prevent the Library mechanism from stopping while actually playing a record; this is to prevent "clicks" in records that could be caused by the needle resting in one place on the record for prolonged periods. If the PROGRAM TIMING SWITCH is turned off, the Select-O-Matic mechanism will stop when the record has been played off (or rejected--see SCAN-REJECT switch).

If automatic timing of the program is desired, this switch is turned to the "AUTO" position. The PROGRAM TIMER will then assume timing control as described below.

PROGRAM TIMERDESCRIPTION:

The PROGRAM TIMER, unlike ordinary clocks, has rotating DIALS and fixed POINTERS. The outer dial, called the 24-HOUR-DIAL, makes one complete revolution in 24-hours, has hours marked in large numbers and fifteen minute periods (15, 30, and 45) marked in small numbers. The top pointer indicates the hour (and approximate fifteen minute period) in this dial. Because hours 1 to 12 occur in both halves of the dial, a DAY and NIGHT area is indicated in the background, with 6:00 A.M. and 6:00 P.M. on the dividing line separating DAY from NIGHT.

The center dial, called the ONE-HOUR DIAL, is marked 0-60 and indicates, by means of the lower pointer, the minutes after the hour. Thus, at 2:25 P.M. the "2" adjacent to the DAY area on the 24-HOUR-DIAL would be near the top pointer and "25" would appear next to the lower pointer on the ONE-HOUR DIAL.

Ninety-six TIMING PINS in the 24-HOUR-DIAL represent 15 minute periods of time. Pins depressed toward the center of the timer are OFF periods; depressing a pin outwardly away from the center of the timer sets up an ON period at the time indicated adjacent to the pin on the 24-Hour Dial. Thus, the program will be ON at periods corresponding to pins that are OUT and will be off at all times that pins are IN.

Timing pins are not "cancelled" or returned to the off position by the timer. This means that program timing pins will repeat their function day after day until returned to the off position manually or the PROGRAM TIMING SWITCH turned away from the "AUTO" position.

SETTING THE PROGRAM TIMER

The program timer will continue to run unless power fails or the line cord is disconnected at the socket. Should it be necessary to re-set the timer proceed as follows:

FOR TIMING ACCURACY WITHIN ONE-HALF MINUTE:

1. Note that power is available at the timer (cabinet lights will go on).
2. Note the correct local time.
3. Turn the ONE-HOUR DIAL in the direction indicated by the arrows until the correct hour appears on the 24-HOUR-DIAL adjacent to the top pointer.
4. Continue turning the ONE-HOUR DIAL until the correct number of minutes after the hour appear on the ONE-HOUR DIAL at the lower pointer.

EXAMPLE: If the correct local time is 2:25 P.M., turn the ONE-HOUR DIAL until "2" on the TWENTY-FOUR DIAL in the "DAY" area

is under the top pointer. Continue turning until "25" on the ONE-HOUR DIAL is under the lower pointer.

FOR TIMING ACCURACY WITHIN 5 SECONDS:

With power plug disconnected at the service outlet, slowly turn one-hour of PROGRAM TIMER in a counter-clockwise direction as indicated by the red arrows on dial. Note that as numbers 0, 15, 30, and 45 on the ONE-HOUR DIAL pass the pointer, a distinct click is heard from the timer.

With a watch accurately set to correct local time, note the correct time and slowly rotate ONE-HOUR DIAL until the timer approaches the next fifteen minute period. Stop turning immediately when the fifteen minute click is heard.

Wait until correct local time is the same as indicated time and at that instant insert power plug into service receptacle. The timer has now been set and is running at correct local time.

To illustrate the above, assume that the correct time is 2:25 P.M. Proceed as follows:

1. Disconnect power cord from service outlet.
2. Turn ONE-HOUR DIAL until the number "2" in the "DAY" area on the 24-hour dial is at the top pointer.
3. Very slowly continue turning the ONE-HOUR DIAL and as "30" on the ONE-HOUR DIAL approaches the pointer, listen for the 15 minute click. Stop turning dial immediately when the click is heard.

Note: At this setting, the number "30" on the ONE-HOUR DIAL should be within $1/32$ of an inch from the pointer. If the pointer does not exactly indicate "30" there is no cause for concern because the numbers on the dials have nothing to do with turning programs on and off. This timing is done by the closing of a mechanically operated switch in the timer which produces the click at each 15 minute interval. The dials serve the dual function of indicating time for the selector pins and for telling time visually within a fraction of a minute.

4. Insert the power plug when local time reaches exactly 2:30 P.M. With care, the above method will result in program timing within 5 seconds of actual local time.

LEVEL CONTROL

Set the Level Control at "6" for all operation of this equipment unless another setting is recommended by the installation engineer.

SCAN-REJECT SWITCH

REJECTING RECORDS:

An unwanted record can be instantly "Rejected" by momentarily depressing the SCAN-REJECT switch to the "REJECT" position. The Library mechanism will then play the next selection.

SCANNING THE MECHANISM TO A DESIRED SELECTION:

First reject the record that is playing, (or permit it to play thru).

Note that if the left and right side of the record has been selected and the left side is playing, the mechanism will play the right side after the left side of the record has been played or rejected. In this case, reject the right side of the record also before attempting to scan.

As soon as the mechanism has started to return the record it has been playing to the magazine, hold the SCAN-REJECT switch in the "SCAN" position. After the record has been restored to the magazine, the mechanism will "Scan" past all other selections as long as the switch is held in the "SCAN" position. Note that as the mechanism scans, the selection numbers on the selector panel are illuminated to show the position of the mechanism. When the SCAN switch is released, the mechanism will stop and play the next selection, IF THE UNIT IS TRAVELING FROM LEFT TO RIGHT; no selections are made when the mechanism moves from right to left.

Before starting a recorded program it may be desirable to position the Library Mechanism so it will start the program with a specific selection. Even though the SELECT-O-MATIC LIBRARY is not in operation at the time, it is possible to "Scan" the unit to any record in the magazine by holding the SCAN-REJECT switch to the "SCAN" position and releasing the lever just before the desired selection is reached.

Control of BASS, TREBLE, and VOLUME is obtained at the Auxiliary Panel below the Library mechanism. These controls should be set to obtain the most pleasing reproduction for the records in use. It is important to recognize that the balance between Bass and Treble, Volume Level, and noise level may vary considerably from record to record, and this should be taken into account when setting the BASS, TREBLE, and VOLUME controls. Because the quality of reproduction can be no better than the quality of records in use, badly worn or defective records should be discarded.

REMOTE-LOCAL SWITCH

This switch should be left in the "LOCAL" position unless remote control unit HRC-1 is used. When the HRC is used, control of VOLUME, POWER, and REJECTION of records are available at a remote point by setting the REMOTE-LOCAL switch to the "REMOTE" position.

When remote control is NOT installed:

Set the REMOTE-LOCAL SWITCH to "LOCAL".

Turn Power "ON" and "OFF" at the ON-OFF Switch (Circuit Breaker).

Control VOLUME at the Auxiliary Panel.

Reject records at the Control Panel.

When remote control IS installed:

FOR LOCAL OPERATION:

Operation of the controls are the same as outlined above except that the equipment is turned "ON" or "OFF" with the volume control (to turn "OFF", turn volume control to zero).

The ON-OFF Switch on the Control Panel must be "ON".

FOR REMOTE OPERATION:

Set the REMOTE-LOCAL Switch to "REMOTE".

Volume control, rejection of records and turning power "ON" and "OFF" is accomplished at the HRC.

The ON-OFF Switch on the Control Panel must be "ON".

W A R N I N G

Do not put two records in a magazine slot.

Do not force a record into a slot-- if it does not fall into place freely, it should not be used.

Do not use records that are cracked or chipped, because the stylus on the pickup may be damaged.

Do not push records back beyond normal position in the mechanism, because they may be broken if the carriage is moving.

Do not attempt to play home recordings or any other non-standard records.

Do not attempt to remove a record that is being handled by the mechanism.

Do not force program timer in wrong direction when setting it -- turn only in direction as indicated by arrow.

W A R R A N T Y

J. P. Seeburg Corporation warrants this instrument, manufactured by it, to be free from defects in material or workmanship under normal use. Our obligation under this warranty is limited to making good at our factory any part or parts thereof which shall, within ninety days after delivery of such product to the original purchaser, be returned to us or to our authorized dealer or distributor from whom purchased with all transportation charges prepaid to our factory, and which our examination shall disclose to our satisfaction to have been thus defective.

This warranty does not extend (1) to any of our products which have been subjected to misuse, neglect, accident, incorrect wiring not our own, improper installation, or to use in violation of instructions furnished by us, (2) to units which have been repaired or altered outside of our factory, (3) to cases where the serial number of the product has been removed, defaced or changed, (4) to tubes or lamps, or (5) to accessories not of our own manufacture used with our products.

Any part found by us to be defective will be exchanged by the authorized dealer or distributor without charge to the owner.

This warranty applies only to our products which are used within the continental limits of the United States of America and 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 our products.

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