

CONSOLE CONNECTOR KIT 8800 INSTALLATION INSTRUCTIONS

FOR USE WITH: HAMMOND ORGAN MODELS - D-100, RT2, RT3,
A, B, C, D, E, BV, CV, RT, B-2, B-3, C-2, C-3
LESLIE SPEAKERS - 715, 815, HL722, HL822
(Cable Assembly 137357 included with speaker)

KIT CONTENT

Console Connector	141109	Hardware Package	141118
Switch Assembly, FIXED/FAST, black			141112

CAUTION: Due to the presence of electrical potential and the danger of moving mechanical parts, installation procedures or adjustments requiring work inside the LESLIE speaker cabinet or the organ console should be performed only by service personnel authorized by the dealer or factory to perform such work.

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING

It is intended that the plug-in connection to the Leslie Speaker shall be made within the amplifier section of the organ. A small notch, on either corner of the shelf, will usually provide a triangular opening large enough for the control cord and speaker cable to pass through.

1. Mount the console connector chassis inside the organ within reach of the organ pre-amplifier. Use the sheet metal screws provided. **NOTE:** If the organ circuit terminals are solder-type, remove the spade lugs from the console connector wires and solder to the proper terminals.
2. Connect the red wire to one of the G-G terminals on the organ pre-amplifier chassis.
3. Connect the black wire to the ground (GND) terminal.
4. Attach the plug from the control center to the small rectangular socket (S3) on the console connector chassis.
5. Select a location along the keyboard where the Leslie Control Center is to be mounted, either left or right, as the organist prefers. Use the 5/8-inch sheet metal screws provided and attach the control center to the underside of the wooden keyboard rail.
6. Fasten the cable from the control center to the underside of the organ shelf with the cable clamps provided. (Gather the excess cable, neatly, inside the organ.)

7. Attach the 11-conductor cable to the console connector socket and route the cable to the area where it will pass through the small notch on the organ shelf. (For appearance purposes, tie cable to organ leg.)
8. Replace the back panel to the organ, making sure that the cables from the console connector are not pinched, and fasten the panel securely. Attach the other end of the 11-conductor cable to the Leslie Speaker.

CONTROLS

The control unit, mounted just below the organ keyboard, groups all the controls in one convenient location.

The center **BUTTON**, a push-on, push-off control, is used to actuate the **LESLIE** speaker system. With the button set to **ON** (red light glowing) the speakers in the **LESLIE** speaker cabinet are ready to respond.

The left-hand **TOGGLE SWITCH**, **FAST/OFF/SLOW**, may be set for the fast or slow speed of the **LESLIE** rotors, or off.

The right-hand **TOGGLE SWITCH** is a **ROTARY/MIX/FIXED** switch. With the switch up (**FIXED**), the sound is only heard from the stationary speakers. With the switch down (**ROTARY**), the sound is only heard from the rotary speakers. In the center position (**MIX**), the sound is heard from both the rotary and stationary speakers.

ORDERING PARTS

Standard hardware, connectors, and electronic components should be purchased locally. Non-standard items may be obtained through a **LESLIE** speaker dealer. Orders should include part numbers as listed.

PARTS LIST: 141118 HARDWARE PACKAGE

Clamp, cable (3)	011676
Screw, SMA, 8 x 5/8 (8)	025627
Flat Washer, 8 x 1/2 (3)	015578

PARTS LIST: 141109 CONSOLE CONNECTOR ASSEMBLY

Socket, 11-contact (S2)	028852
Housing, socket, 12-circuit, miniature Molex with tabs (S3)	137286
Contact, insert, miniature Molex, female (8)	065581

PARTS LIST: 141112 SWITCH ASSEMBLY

Switch and Cable Assembly	141113
Case	141114
Clamp, cable	137365
Knob, switch, white (2)	137291
Nut, knurled (3)	132430
Cork, adhesive	137419

PARTS LIST: 141113 SWITCH AND CABLE ASSEMBLY

Circuit Board Assembly	137339
Switch, lever, 3-position (2) (FAST) (SW2, SW3)	137304
Housing, plug, miniature Molex, 12-circuit, natural (white) (P3)	101310
Contact, insert, miniature Molex, male (8)	065599

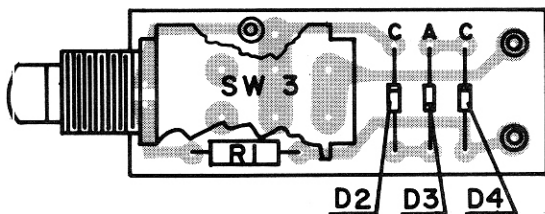
PARTS LIST: 137357 CABLE ASSEMBLY

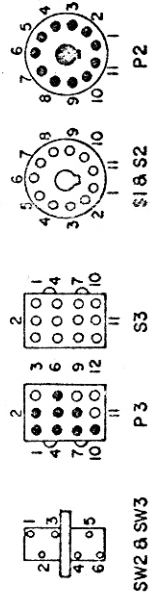
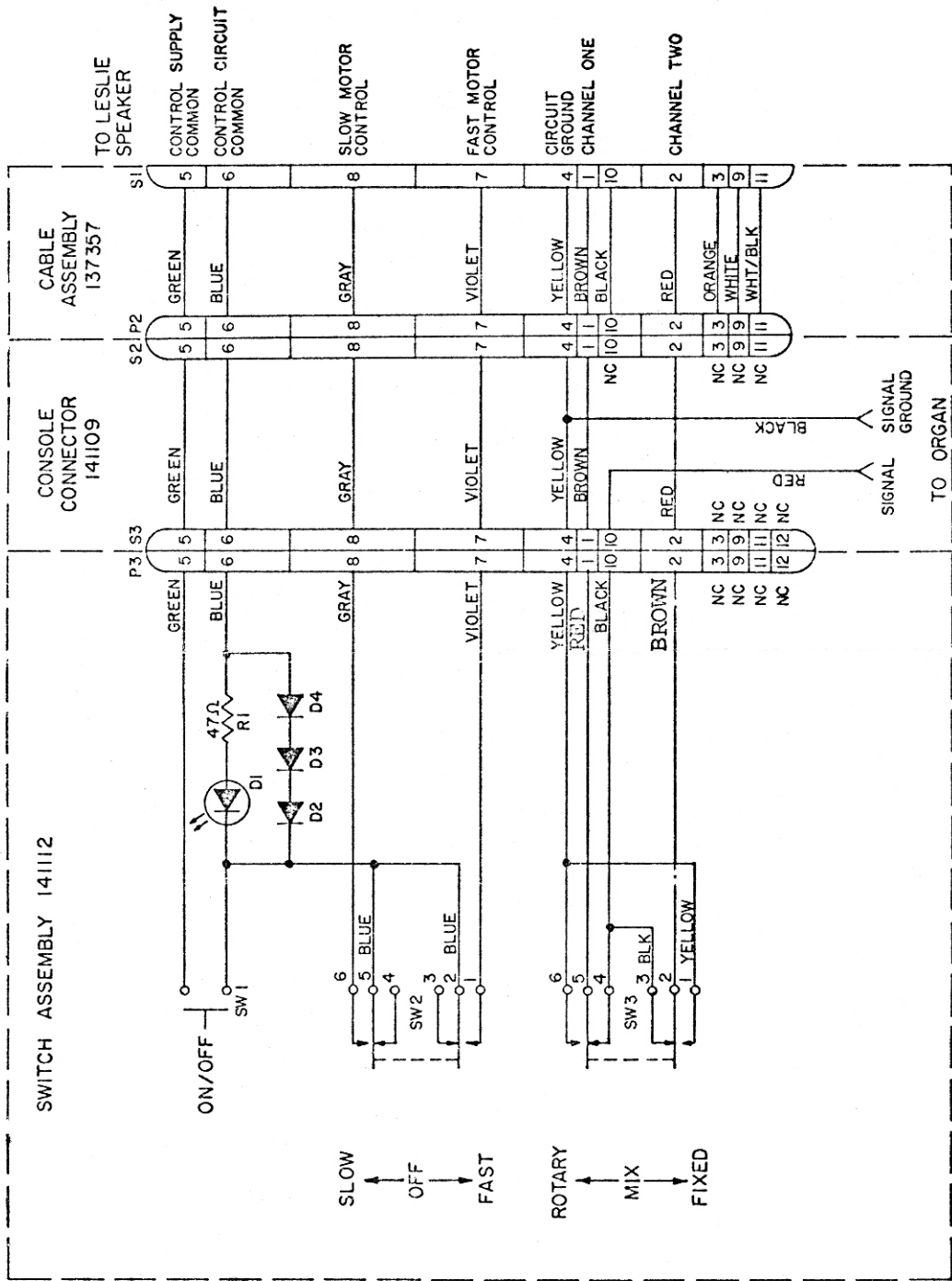
Listed for reference only - part of cabinet assembly

Plug Assembly, 11-pin (with screw) (P2)	137299
Socket, 11-contact (SI)	137297
Package, plug cap and screws (order for repair use - contains cap body sections, screws and tubing)	137457

CONTROL CENTER CIRCUIT BOARD ASSEMBLY 137339

Switch, push/push (SW3)	137303
Diode, silicon, 1-amp 100 PIV (D2, D3, D4)	021154
Diode, light-emitting (D1)	137315
Resistor, 47-ohm, 1/2W, 10% (R1)	016311
Etched Circuit Board	137281





(ALL SHOWN FROM WIRE END)