

FOR USE WITH: HAMMOND Models A100, M100, or E100
 LESLIE Speaker 251 or 351

MULTIPLE SPEAKER INSTALLATION: For complete information, see the service manual of the LESLIE Speaker to be added.

Contents of Kit:

1 -Console Connector	011874	1 -Tremolo Control	
1 -Console Adapter	062091	024976	Brown
1 -6 Conductor Cable	017277	024984	Ebony
1 -Oiler	053025	024992	Ivory
1 -Instructions	034686		
2 -Screws, 8 x 1/2	029132	1 -Echo Control	
4 -Screws, 6 x 1/2, Blk Oxide	029124	011882	Brown
8 -Wire Nuts	028076	011890	Ebony
2 -Connector, Tab, Male	029371	011908	Ivory
2 -Connector, Tab, Female	029389		
5 -Insulated Staples	028464		

To Install the Kit:

1. Attach the Echo and Tremolo controls to the wooden rail in front of the lower manual with the black oxide screws provided. Use the two mounting holes which best center the screws in the rail.
2. Remove the console dust cover, and pass the control cables into the console by one of the following methods:

A100, M100: Clip the red and green interceptor plugs and sockets off the Echo control cable and strip the wires 3/8". Push a small screwdriver over the felt dust seal between the lower manual and the knee panel. Push the cables through this opening into the console. From the back of the console, reach behind the tone generator and pull the cables through .

E100: Remove the knee plate under the lower manual, and pass the control cables into the console through this opening. Cut a small notch in the edge of the knee plate to accommodate the cables, then replace it.

3. Pass the switch cables through the slot in the rear edge of the shelf into the lower compartment.
4. Position the console connector near the power amplifier, so that the power and control cables will reach. Install it with the wood screws provided.

5. A100, M100: Cut the green lead which connects the amplifier output to the main speakers. (See "A" & "B" on Fig. 1 & 2.) Remove 3/8" of insulation from each of the cut ends. Connect the amplifier end of this lead to the red lead from the Echo control with a wire nut. Connect the speaker end of the lead to the green lead from the Echo control. (See "B" on Figs. 1 & 2.)

E100: Remove the green speaker plug from the chassis socket on the left-hand apron of the power amplifier. (See "A" on Fig. 3.) Fit this plug into the green interceptor socket on the Echo switch cable, and fit the interceptor plug into the chassis socket.

6. A100, M100:

a Disconnect the reverberation input lead (green on A100 and M100A; red on M100) from the main speakers. (See "C" on Figs. 1 & 2.) Strip and connect it to the orange lead from the Echo control with the wire nut provided.

b Detach the "hot" lead (gray or blue) from the reverberation speaker terminal, strip it about 3/8", and connect it to the blue lead from the Echo control with the wire nut provided. (See "D" on Figs. 1 & 2.)

c Solder the yellow Echo control lead to the "hot" reverberation speaker terminal. (See "E" on Figs. 1 & 2.)

E100: Remove red speaker plug from the chassis socket on the left apron of the power amplifier. (See "B" on Fig. 3.) Fit this plug into the red interceptor socket on the Echo switch cable; then connect red interceptor plug to the red chassis socket. Fold back the orange wire attached to the Echo switch. Insulate it with the plastic sleeve provided. It is not used in this installation.

7. A100: Plug the Console Connector pigtail into the 5 contact socket on the rear apron of the power amplifier chassis. (See "F" on Fig. 1.)

M100: Cut the 5 pin plug off the Console Connector pigtail and strip all three leads about 1/4". Solder the brown POT cord to the outside AC terminals under the metal cover on the left-hand side of the rear apron of the power amplifier. (See "F" on Fig. 2.) Fasten the red lead to any convenient ground point on the amplifier chassis. (See "F" on Fig. 2.)

E100: Plug the Console Connector pigtail into the 062091 adapter and insert it into the 7 contact socket on the rear apron of the amplifier chassis. (See "C" on Fig. 3.)

8. Connect the brown lead from the Echo control to the brown lead from the Console Connector with the wire nut provided. (See "G" on Figs. 1 & 2; "D" on Fig. 3.)

9. Connect the black lead from the Echo control to the black lead from the Console Connector with the wire nut provided. (See "H" on Figs. 1 & 2; "E" on Fig. 3.)

10. Connect the POT cord from the Tremolo control to the short POT cord on the Console Connector with the wire nuts provided. (See "I" on Figs. 1 & 2; "G" on Fig. 3.)
11. Plug the speaker cable into the 6 contact socket on the Console Connector. (See "J" on Figs. 1 & 2; "H" on Fig. 3.)
12. Adjust the speaker volume control as indicated in the manual. Set speaker load resistor to OPEN. The installation is now complete.
13. Replace the console dust cover and back.

011874 CONSOLE CONNECTOR PARTS LIST:

C1	Capacitor, Disk, .01 mf, 1000V, 20%	060467
P1	Plug, 5 Pin, w/o Plate	013060
R1,2	Resistor, 80hm, 10W, Wire Wound	010934
S1	Socket,6 Contact, w/Mtg Plate	060459

Control Switch Parts List:

Echo Control

Echo Switch Case	Switch Case Cover	Switch Knob
029199 Brown	048702 Brown	048066 Brown
029207 Ebony	048710 Ebony	048074 Ebony
029215 Ivory	048728 Ivory	
Switch Retainer (2 req'd)	048116	Switch Only 029173
P2 Plug Hsing, Red-Amp	016576	
S2 Socket Hsing, Red-Amp	016568	
P2 Insert, Male-Amp (2 req'd)	010421	
S2 Insert, Female-Amp (2 req'd)	010397	
P3 Plug Hsing, Grn-Amp	010389	
S3 Socket Hsin9, Grn-Amp	010371	
P3 Insert, Male-Amp (2 req'd)	010421	
S3 Insert, Female-Amp (2 req'd)	010397	

Tremolo Control

Tremolo Switch Case	Switch Case Cover	Switch Knob
012260 Brown	048702 Brown	048066 Brown
012278 Ebony	048710 Ebony	048074 Ebony
012286 Ivory	048728 Ivory	
Switch Retainer (2 req'd)	048108	
Switch Only	042911	

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 shown above.

