



CONSOLE CONNECTOR KIT 8216

INSTALLATION INSTRUCTIONS

FOR USE WITH: HAMMOND H-100 Series
LESLIE Speakers 122, 142, or 222

KIT CONTENTS

Console Connector Assembly	015644	Tremolo Control	
Cable Assembly	017277		brown 015594
Wire Nut (2)	028076		ebony 015602
Staple, insulated (6)	028464		ivory 015610
Screw, machine, Phillips head, 8 x 1/2 (2)	029132		
Screw, wood, Phillips head, 6 x 1/2 (2)	029124	Oiler	05375
		Installation Instructions	035386

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

1. Mount the tremolo control switch to the wooden rail in front of the lower manual, using the wood screws provided.

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 a service man authorized by the dealer or factory to perform such work.

2. Route the control cable under the lower manual, through the knee panel, and into the amplifier section of the console. If no opening is provided, drill a 7/8-in. hole in the knee panel just under the lower manual.
3. Mount the console connector chassis inside the console within reach of the adapter and control cables, using the wood screws provided.
4. Connect the pot cord from the tremolo control to the two bare leads on the console connector, using the wire nuts provided. (A, figure 1)
5. Insert the plug of the console connector cable into the TONE CAB socket (B, figure 1) on the organ console amplifier. If there is a cable already there, disconnect it. (See step 7.)
6. Move the CONSOLE — TONE CAB. switch (C) on the amplifier to TONE CAB.

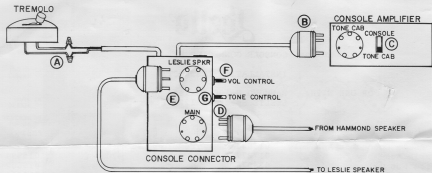


Figure 1. Installation Diagram

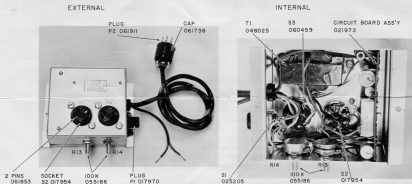


Figure 2. Parts Location, Console Connector 015644

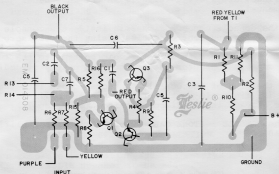


Figure 3. Parts Layout, Circuit Assembly 021792 (Foil Side)

7. If a plug was disconnected from the TONE CAB socket, in step 5, connect this plug to the socket marked MAIN, on the console connector. (D, figure 1)
8. Plug the LESLIE speaker cable into the socket marked LESLIE SPKR. (E) on the connector chassis.
9. Set the LESLIE tone cabinet volume control at "4".
10. Depress the swell control to maximum and fully extend all drawbars. Sound one chord and one pedal note together. At the same time, adjust the VOL. CONTROL (F) on the console connector until some distortion is heard; then back the control off until the distortion is eliminated.
11. Adjust the LESLIE tone cabinet volume as described in the Owner's Manual, and set the console connector TONE CONTROL (G) to the desired brilliance. The installation is now complete.

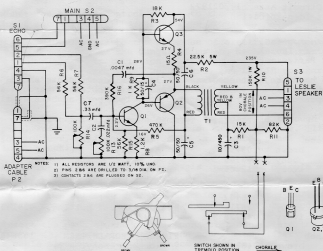


Figure 4. Schematic, Console Connector 015644, with Controls

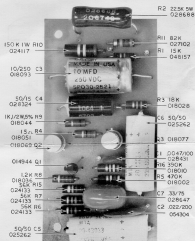


Figure 5. Circuit Assembly 021972
Parts Identification

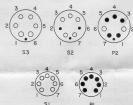


Figure 6. Plug and Socket Pin Layout

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: TREMOLO CONTROL

Switch Case			Switch and Cable Assembly	028704
	brown	103750		
	ebony	103760		
	ivory	012286	Switch Retainer (2)	
Case Cover				
	brown	048702		
	ebony	048710		
	ivory	048728		
Switch Knob			Screw, thread cutting, 6-32 x 3/8	029140
	brown	048066		
	ebony	048074	Label, CHORALE/TREM (brown, ebony only)	103640

MULTIPLE SPEAKER INSTALLATION

For complete information see the service manual for the LESLIE speaker to be added.