

CONSOLE CONNECTOR KIT 8000 INSTALLATION INSTRUCTIONS

FOR USE WITH: LESLIE Speaker Models 122, 122V, 122RV, 222, 22RV
HAMMOND Organ Models A, B, C, D, E, BV, CV, B-2, B-3, C-2, C-3, RT-2, RT-3

KIT CONTENT

Console Connector Assembly	018432	Hardware Package	011353
Adapter, 6 x 4, 7-pin	048082	Screw, machine, 8 x 1/2,	
Adapter, 6 x 5, 8-pin	048090	Phillips head (2)	029132
Oiler	053025	Screw, wood, 6 x 1/2,	
Tremolo Control		black oxide,	
brown	015594	Phillips head (2)	029124
ebony	015602	Insulated staples (6)	028464
ivory	015610	Wire Nuts (2)	028076

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.

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING:

1. Detach the back cover from the organ.
2. Mount the console connector within the tone generator compartment near the organ pre-amplifier. Use the cadmiumplated screws provided.
3. Mount the tremolo control switch case on the wooden rail in front of the lower manual. Use the black oxide wood screws.
4. Pass the tremolo control cable from the switch to the console connector in one of the following ways.
 - a. Slip a small screwdriver over the felt dust seal between the lower manual and the knee panel. Pass the cord through this opening into the organ. From the rear of the organ, reach behind the tone generator and pull the cable into the organ interior.
 - b. Run the cord along the corner where the knee panel and the end of the organ join; then run the cable under the tone generator compartment to the back. Cut a small notch in the edge of the bottom shelf and pass the control cable into the organ interior.

5. Using one of the wire nuts provided, fasten together the stripped ends of the AC wires from the tremolo control and the console connector (A, figure 1). It is not necessary to twist the wires together before inserting them in the wire nut.
6. Remove the wires from the terminals marked G, on the organ pre-amplifier. Connect the wires to the screw terminals on the console connector chassis (B, figure 1).

NOTE: Either wire may be fastened to either terminal.

7. Attach the red and black wires from the console connector to the G terminals on the pre-amplifier (C, figure 1).

NOTE: On newer organ models the G terminals are solder lugs. If this is the case, cut off the wire lugs and solder the wires to the terminals.

8. Attach the yellow wire from the console connector to the GND (ground) terminal on the organ pre-amplifier (D, figure 1).
9. a. HAMMOND A, B, C, D, E, BV, CV installations:

Attach the brown wire from the console connector directly to the B+ terminal on the pre-amplifier. Leave the original B+ terminal wire attached.

- b. HAMMOND B-2, C-2, RT-2 installations:

Attach the brown wire from the console connector to the black wire from the 8-pin B+ adapter supplied in the kit (E, figure 1). Cover this connection with the insulating sleeve. Remove the 6X5 rectifier tube from its socket. Insert the 8-pin adapter into this socket; then plug the tube into the adapter (F).

- c. HAMMOND B-3, C-3, RT-3 installations:

Attach the brown wire from the console connector to the black wire of the 7-pin miniature B+ adapter supplied in the kit (E). Cover this connection with the insulating sleeve. Remove the 6X4 rectifier tube from its socket. Insert the 7-pin adapter into this socket; then plug the tube into the adapter (F).

10. Connect the organ to the LESLIE speaker with the cable supplied with the organ. Insert the plug end of the cable into the socket on the HAMMOND junction box. Connect the socket end of the cable to the speaker plug at the rear of the LESLIE speaker
11. Replace the back cover on the organ.
12. Adjust the volume of the LESLIE speaker according to the instructions in the speaker owner's manual. Installation is now complete.

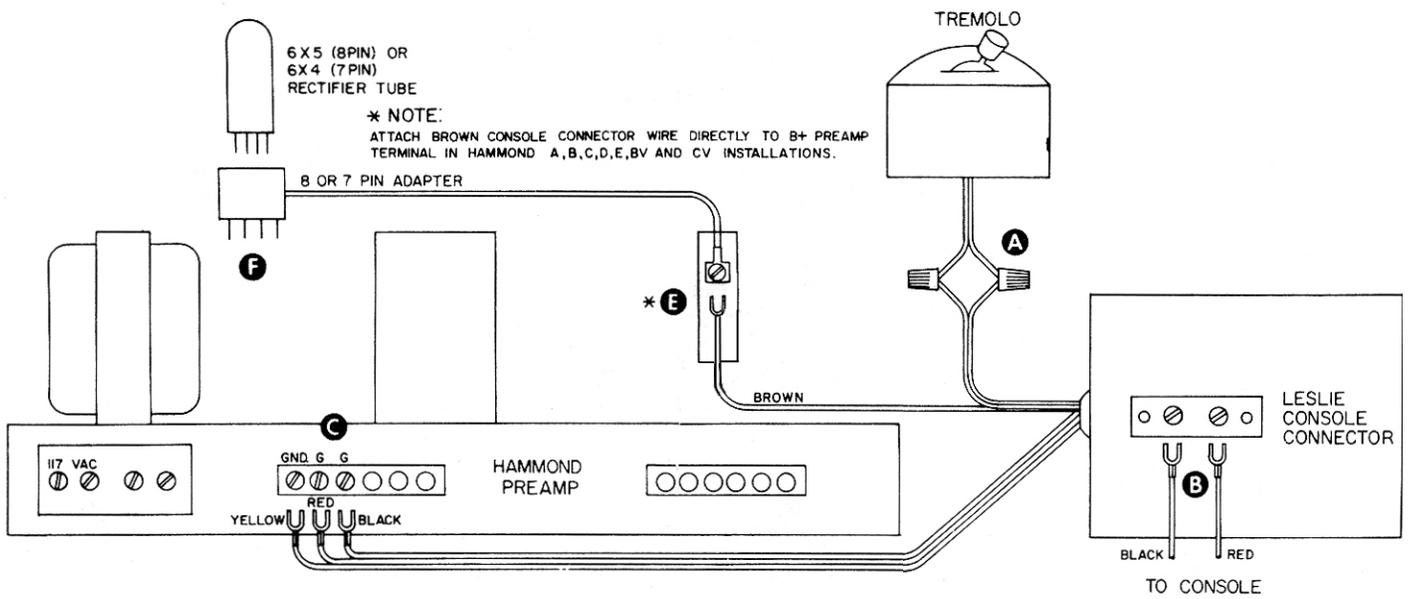


Figure 1. Interconnections, Console Connector Kit With Organ

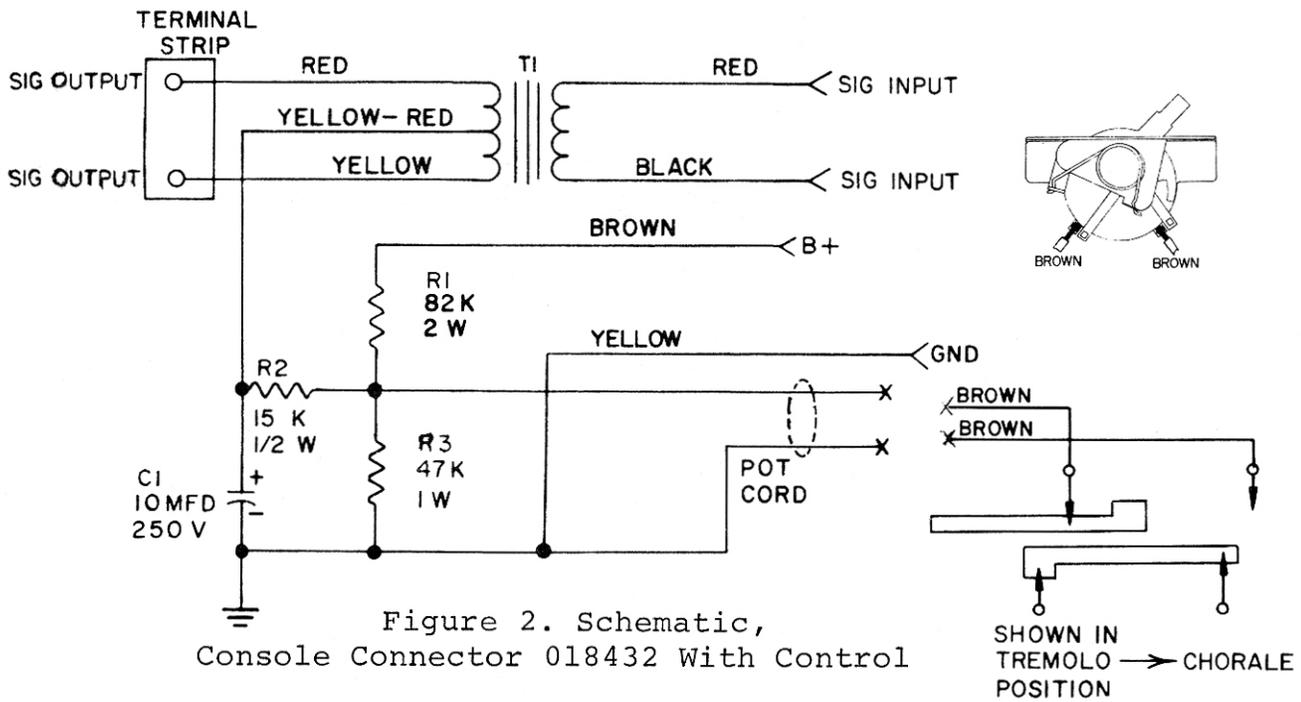


Figure 2. Schematic, Console Connector 018432 With Control

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 listed.

PARTS LIST

CONSOLE CONNECTOR ASSEMBLY

Capacitor, electrolytic, 10 mfd, 250V	018093
Resistor, 82K, 2W, 10% (R1)	018465
Resistor, 15K, 1/2W, 10% (R2)	048157
Resistor, 47K, 1W, 10% (R3)	018457
Transformer, line	048025
Washer, flat, .125 x .312 x .020	025189

TREMOLO CONTROL

Tremolo Switch Case

brown	103750
ebony	103760
ivory	103770

Switch Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch Retainer (2) 048744

Switch Only 042911

Switch and Cable Assy 028704

Screw, thread-cutting 029140
 6-32 x 3/8

Label (CHORALE/TREM) 103640

MULTIPLE SPEAKER INSTALLATION

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