

CONSOLE CONNECTOR KIT 8402 INSTALLATION INSTRUCTIONS

FOR USE WITH: HAMMOND Organ Models C-2, C-3

LESLIE Speaker Models 122, 122RV, 142, 242

KIT CONTENT

Console Connector Assembly	047357	Echo Control	
Console Connector Extension	047373	brown	032243
Cable Assembly, 6-conductor,		ebony	032250
30-foot	017277	ivory	032268
Hardware Package	044552		
Screw, wood, 6 x 1/2,		Tremolo Control	
Phillips head (4)	029124	brown	015594
Screw, sheet metal, 8 x 1/2,		ebony	015602
Phillips head (2)	029132	ivory	015610
Screw, sheet metal, bronze,			
8 x 1/2, Phillips head (2)	042408	Oiler	053025
wire Nut (7)	028076		
Staple, insulated (7)	028464		

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. Mount the echo and tremolo control switches under the keyboard shelf, in a position convenient for the organist.
2. Route the control cables through the keyboard shelf and into the amplifier section of the organ. If no opening is provided, drill a 1-inch-diameter hole in the shelf, being careful to select a location where no internal component will be damaged.
3. Mount the console connector to the left of the organ preamplifier, in such a position that the cables and extension can reach their intended destinations. Use the cadmium plated screws to hold the console connector.
4. Attach the two tremolo control wires to the AC-type wires on the console connector, using wire nuts. (A, figure 1)
5. Connect the echo control wires to the matching colored wires from the console connector, using wire nuts.(J)

6. Locate the down tube atop the organ junction box. (B) Remove the screws and locking clamp; slide the tube up about three inches.
 7. Position the console connector extension below the down tube. Guide the organ wires which pass through the down tube into the hole in the extension chassis.(C, figure 2)
 8. Drop a pull string through the down tube and tie it to the extension plug. Pull the plug and cable up through the tube. (D)
 9. Connect the plug to the EXTENSION CABLE socket on the console connector. (E, figure 1)
 10. Fit the down tube into the extension chassis. Then mount the chassis on the organ, using the bronzed wood screws provided. (figure 2)
 11. Replace the screws and locking clamp on the down tube.
 12. Connect the blue and gray console connector wires to the 117V AC terminals behind the protective cover on the organ pre-amplifier. (F, figure 1)
 13. Connect the brown console connector wire to the GND terminal on the organ pre-amplifier. (G)
 14. Remove the red and black wires from the two G terminals on the pre-amplifier. Connect these to the two screw terminals on the console connector.(H)
 15. Connect the red and black console connector wires to the two G terminals.(I)
- NOTE: The terminals on the pre-amplifier may be solder-types (not screw) ; if so, remove the spade lugs from the console connector wires and solder the wires in place.
16. Connect the cable assembly which comes in the kit between the console extension socket and the LESLIE speaker which is being used.
 17. If necessary, adjust the LESLIE speaker volume.

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.

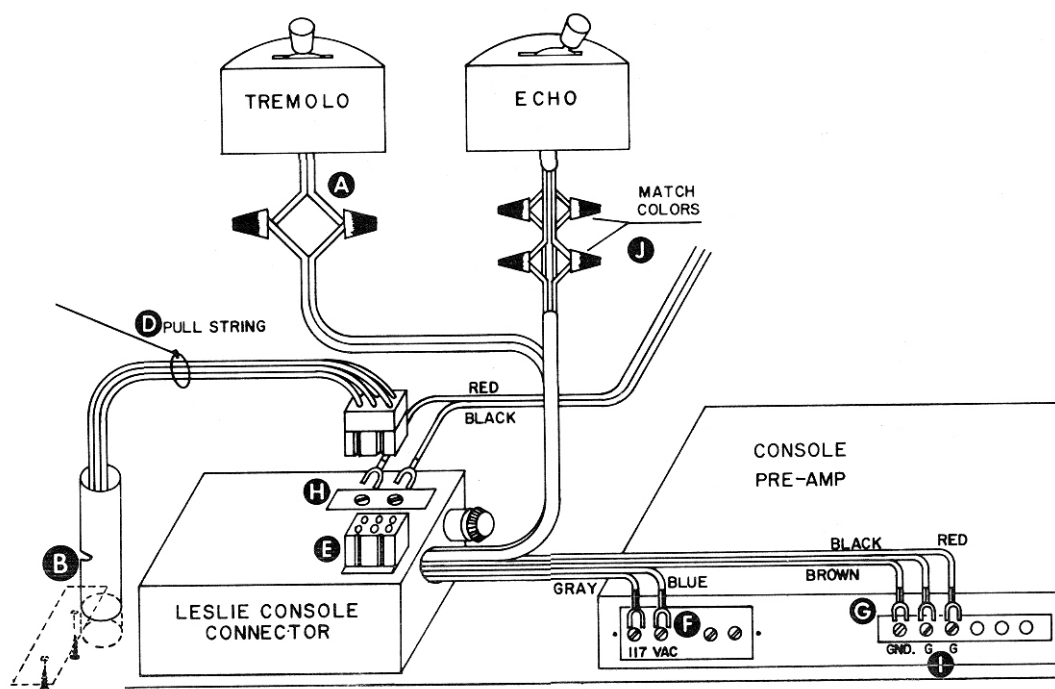


Figure 1. Interconnections

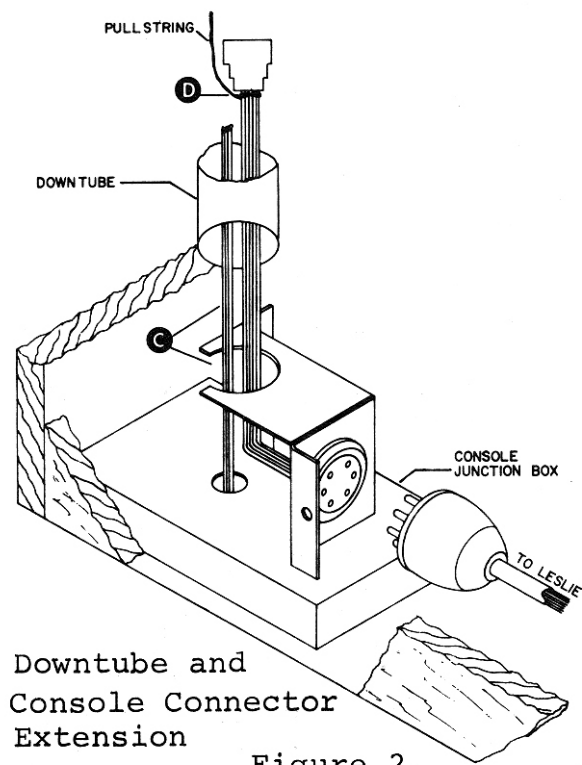


Figure 2.

PARTS LIST: 047357 CONSOLE CONNECTOR ASSEMBLY

Circuit Board Assembly	047506
Housing, socket, 6-circuit (S1)	042119
Contact, insert, female (6)	023556
Fuse Holder	055178
Fuse, 5-amp	029280
Terminal Strip	034108
Transformer, isolation	048025
Screw, sheet metal, 8 x 1/4, Phillips head (2)	025635
Screw, machine, 6-32 x 3/8 (2)	027979

PARTS LIST: 047373 CONSOLE CONNECTOR EXTENSION

Cable Assembly, extension (includes P1, S2)	047654
Chassis	042341
Ring, socket retainer	031948

PARTS LIST: ECHO CONTROL

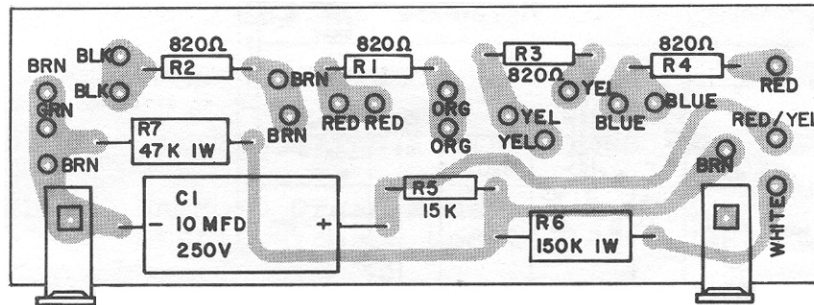
Switch Case		Switch, Cable, & Plug Assembly	
brown	103750		035584
ebony	103760		
ivory	103770	Switch Retainer (2)	048116
Case Cover			
brown	048702	Screw, thread-cutting, 6 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: TREMOLO CONTROL

Switch Case		Switch, Cable, & Plug Assembly	
brown	103750		028704
ebony	103760		
ivory	103770	switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting, 6 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, CHORALE/TREMOLO	103640
brown	048066		
ebony	048074	Cork, adhesive	029157

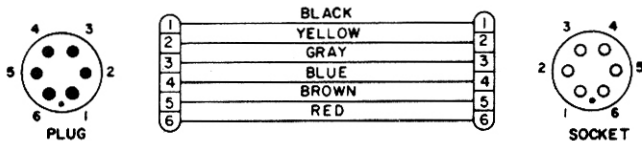
MULTIPLE SPEAKER INSTALLATION

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



PARTS LIST: 047506 CIRCUIT BOARD ASSEMBLY

Capacitor, 10 mfd, 250V	018093
Resistor, 820 ohms, 1/2W, 10% (R1, R2, R3, R4)	028373
Resistor, 15K, 1/2W, 10% (R5)	048157
Resistor, 150K, 1W, 10% (R6)	024117
Resistor, 47K, 1W, 10% (R7)	018457
Etched Circuit Board	044180



Schematic, 017277 Cable Assembly
(Plug and Socket Shown from Wire End)

PARTS LIST: 017277 CABLE ASSEMBLY

Plug, 6-pin	061721
Socket, 6-pin	029546
Cap Body	022046
Clamp, cut	022079
Screw, machine, 6-32 x 3/8	027979

