

CONSOLE CONNECTOR KIT 8010 INSTALLATION INSTRUCTIONS

FOR USE WITH:

HAMMOND Organ Models L-100 Series, M-100 Series, M-I, M-2, M-3

LESLIE Speaker Models 122, 122RV, 142, 242

KIT CONTENT

Console Connector Assembly	038208	Echo Control	
Console Adapter	042770	brown	042200
Cable Assembly, 6-conductor,		ebony	042218
30-foot	017277	ivory	042226
Oiler	053025	Tremolo Control	
Hardware Package	045989	brown	042168
Screw, wood, 6 x 1/2,		ebony	042176
Phillips head(4)	029124	ivory	042184
Screw, sheet metal, 8 x 1/2,		Connector, male	029371
Phillips head (2)	029132	Connector, female (2)	029389
Staple, insulated (8)	028464	Wire Nut (7)	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. Mount the echo and tremolo switches under the keyboard shelf, in a position convenient for the organist. Wood screws are provided.
2. Route the control cable through the keyboard shelf and to 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 in such a position that the echo and tremolo control cables can reach the console connector and the adapter cable can reach its intended connections.

NOTE: At this point, read through the remainder of the instructions. For some organs the procedures described will shorten the over-all length of the adapter; this could affect the placement of the console connector.

L-100, M-100

4. Take the adapter assembly and cut the wires connecting the 5-pin plug and socket assembly to the 6-pin plug portion, just behind the screw terminals. (That is, cut so that the terminals will be removed with the plug and socket assembly.) Discard the plug and socket assembly.
5. Strip the end of the black and the green wires and solder a female tab connector (provided in the kit) to each one.
6. Look at the SIGNAL terminal on the organ speaker. If there is a single green wire attached to this terminal go to step 7. If there are two wires (red and green) go to step 9.
7. Strip the end of the red wire of the adapter and solder a male connector (provided in the kit) to the wire.
8. Remove the green wire from the SIGNAL terminal and connect it to the red wire of the adapter. Insulate the connection with plastic sleeving. Go to step 11.
9. Remove the red and the green wires from the SIGNAL terminal. Cut the connectors from the wires and strip the wire ends.
10. Connect the red and green wires to the red wire of the adapter, using a wire nut.
11. Connect the green wire of the adapter to the SIGNAL terminal on the speaker.
12. Connect the black wire of the adapter to the extra tab on the GROUND terminal of the organ speaker. (Do not remove the wire which is already there.)

M-1, M-2

4. Unscrew the three connections between the plug and socket assembly of the adapter and the 6-contact plug. Discard the plug and socket assembly.
5. Remove the green speaker wire from the OUTPUT terminal on the organ amplifier and connect it to the screw terminal of the green adapter wire .
6. Connect the red wire of the adapter to the OUTPUT terminal.
7. Connect the black wire of the adapter to the speaker OUTPUT terminal to Which a black wire is already connected.
8. Go to step 14.

M-3

4. Remove the 5-pin SPEAKER plug from the organ amplifier and plug it into the 5-contact socket of the adapter.
5. Insert the 5-pin plug of the adapter into the SPEAKER socket.
6. Go to step 14.
14. Connect the 6-pin plug of the adapter into the socket marked CONSOLE, on the console connector.
15. Connect the echo control plug to the ECHO SW socket on the console connector.
16. Connect the tremolo control plug to the TREM SW socket on the console connector.
17. Connect the cable assembly which comes in the kit between the LESLIE SPKR socket of the console connector and the LESLIE speaker being used.
18. Connect the blue and gray adapter wires to the switched 117V AC terminals on the organ amplifier.
19. If necessary, adjust the volume of the LESLIE speaker.

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 (updated)

CONSOLE CONNECTOR

Chassis	041921
T1	048025
C1	018093
R1	024117
R2	018457
R3	048157
R4	022343
S1	042093
S2	042119
S3	042077
Insert	023556
Assy	039032
Fuseholder	055178
Fuse	029280

CONSOLE ADAPTER

P2	023259
P2 Insert	023309
P4	021238
S5	033670
S5 Cap	029231

TREMOLO CONTROL

Tremolo Switch Case

brown	012260
ebony	012278
ivory	012286

Switch Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

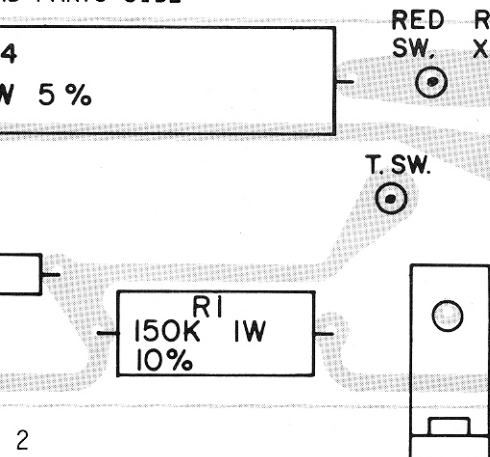
Switch Retainer (2) 048108Switch Only 042911

3-ckt Plug 042085

Insert 023309

ual for the LESLIE speaker to

RD PARTS SIDE



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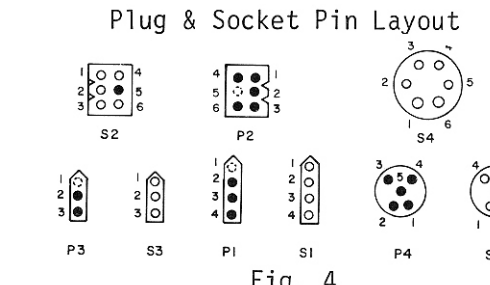


Fig. 4

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PARTS LIST: 042770 CONSOLE ADAPTER

Console Adapter	034546
Plug, 5-pin	021238
Socket, 5-contact	033670
Cap	029231
Lug, spade, #8 (2)	010439
Lug, ring, #8 (2)	010447
Nut, Tinnerman, natural (2)	025965
Screw, machine, 6-32 x 3/16 (2)	024430
Housing, plug, 6-circuit, natural (white)	023259
Connector, insert, male	023309

