

CONSOLE CONNECTOR KIT 7140 INSTALLATION INSTRUCTIONS

FOR USE WITH: Conn Organ Models 304, 314
LESLIE Speaker Models 110,125,225,145,147,247

KIT CONTENT

Console Connector Assembly	012617	Tremolo Control	
Adapter Assembly	121150	brown	012625
Hardware Package	045989	ebony	012633
Cable Assembly, 6-conductor, 30-foot	017277	ivory	012641
Oiler	053025	Echo Control	
Installation Instructions	121170	brown	029397
		ebony	029405
		ivory	029413

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 on the wooden rail in front of the lower manual, using the wood screws provided.
2. Route the control cables under the lower manual, through the keyboard shelf, and into the amplifier section of the console. If no opening is provided, drill a 1-inch hole in the keyboard shelf just under the lower manual.
3. Mount the console connector chassis inside the organ in a location where all the cables will reach their intended connections.
4. Plug the echo and tremolo control cables into the proper sockets on the console connector.
5. Unplug the cable from the SPEAKER socket on the organ console amplifier and plug it into adapter socket S1 (A, figure 1).
6. Connect adapter plug P1 to the SPEAKER socket.
7. Connect the adapter power cord to a switched 117VAC socket (one which can be turned on and off) on the organ console (B, figure 1).

8. Connect socket S2 of the adapter to the plug (P2) marked CONSOLE, on the console connector.
9. Connect LESLIE speaker cable Part No. 017277 between the socket marked LESLIE (S4) on the console connector and the LESLIE speaker being used with the organ.
10. If the speaker being used has a load resistor, set the resistor for eight ohms, in accordance with the instructions in the speaker manual.
11. Adjust the volume as instructed in the manual. Installation is now complete.

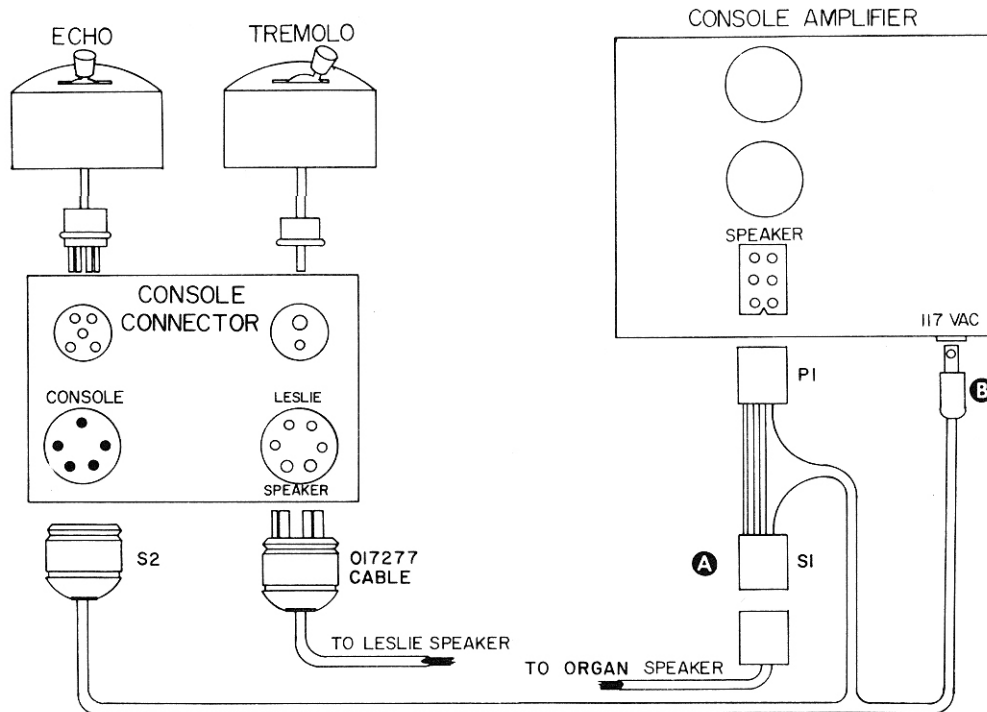


Figure 1. Interconnections

PARTS LIST: 017277 CABLE ASSEMBLY

Plug, 6-pin	061721
Socket, 6-pin	029546
Cap Body, right	130000
Cap Body, left	130010
Screw, sheet metal, 4 x 1/2, hex washer head	136360

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: 012617 CONSOLE CONNECTOR ASSEMBLY

Socket, 2-contact (S5)	029298	Plug, 5-pin (P2)	025437
Socket, 5-contact (S3)	029652	Fuseholder	055178
Socket, 6-contact (S4)	060459	Fuse, 5-amp	029280

PARTS LIST: 121150 CONSOLE ADAPTER

Housing, plug, miniature Molex, 6-circuit, natural (white) (P1)	066548
Insert, contact, miniature Molex, male	065599
Housing, socket, miniature Molex, 6-circuit, natural (white) (S1)	066555
Insert, contact, miniature Molex, female	065581
Cable Assembly, (with plug), SPT-1, 29-inch	029785
Socket, 5-contact (S2)	029264
Cap, socket (with grommet)	013163

PARTS LIST: TREMOLO CONTROL

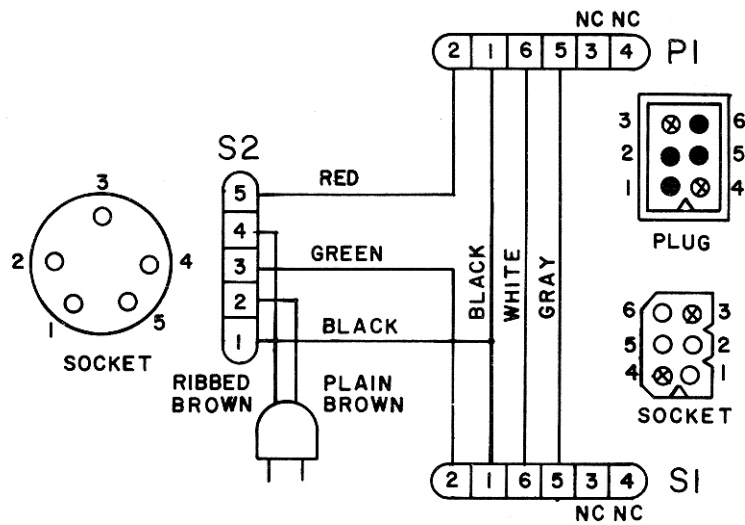
Switch Case		Switch, Cable, & Plug Assembly	061994
brown	103750		
ebony	103760		
ivory	103770	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting, 6-32 x 3/8	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, CHORALE/TREMOLO	103640
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: ECHO CONTROL

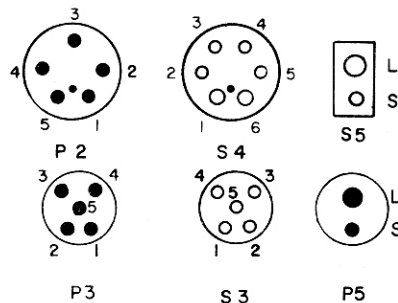
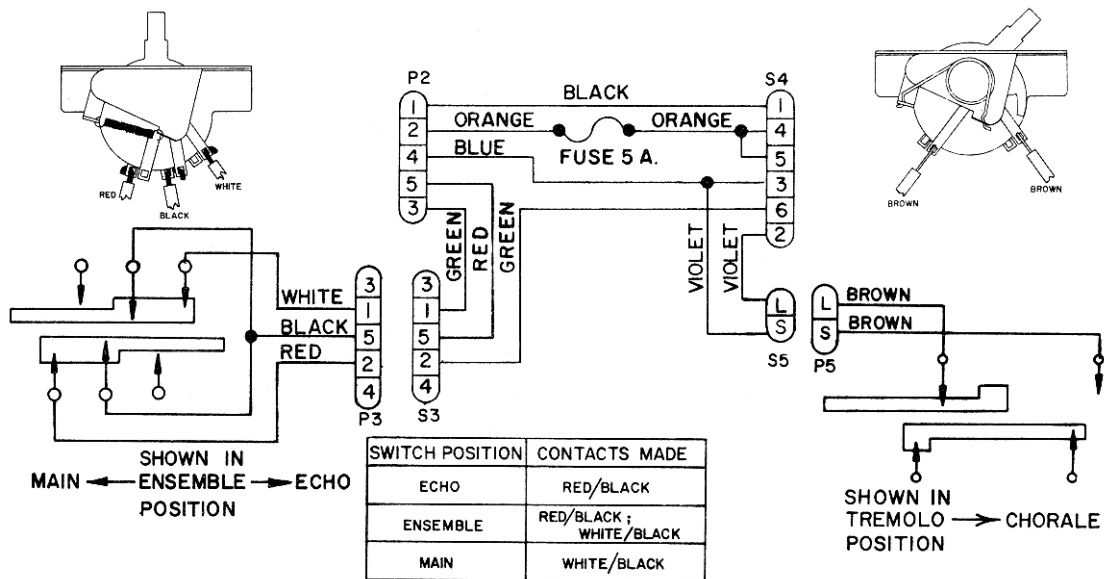
Switch Case		Switch, Cable, & Plug Assembly	062000
brown	103750		
ebony	103760		
ivory	103770	Switch Retainer (2)	048116
Case Cover			
brown	048702	Screw, thread-cutting, 6-32 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

MULTIPLE SPEAKER INSTALLATION

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



Schematic, Console Adapter Part No. 121150
(Plugs and Sockets Shown From Wire End)



Schematic, Console Connector Part No. 012617
(Plugs and Sockets Shown From Wire End)