

CONSOLE CONNECTOR KIT 7167 INSTALLATION INSTRUCTIONS

FOR USE WITH: CONN Organ Models 432, 460, 461, 543, 544, 551, 552, 580, 628, 632, 633, 634, 642, 643, 650*
LESLIE Speaker Models 120, 125, 145, 147, 147RV, 225, 247, 247RV

KIT CONTENT

Console Connector Assembly	012617	Echo Control	
Console Adapter	061168		
Cable Assembly, 6-conductor, 30-ft.	017277	brown	029397
		ebony	029405
Hardware Package	045989	ivory	029413
Screw, sheet metal, 8 x 1/2, Phillips head (2)	029132	Tremolo Control	
Screw, wood, 6 x 1/2, Phillips head (4)	029124	brown	012625
Staple, insulated (8)	028464	ebony	012633
Oiler	053025	ivory	012641

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. Be careful to select a location where no internal components will be damaged.
3. Mount the console connector chassis inside the console within reach of the adapter and control cables, using the wood screws provided.
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 amplifier and plug it into the adapter socket. (A, figure 1) This installation routes only the flute tones to the LESLIE speaker.

6. Plug the adapter into the SPEAKER socket on the organ amplifier. (A)
7. Plug the adapter power cord into a SWITCHED 117VAC socket on the organ amplifier. (B)
8. Fit the 5-pin socket onto the plug marked CONSOLE, on the console connector.
9. Plug the LESLIE speaker cable into the socket marked LESLIE SPKR. on the console connector.
10. Follow the load resistor setting instructions for the 8-0HM position, as outlined in the LESLIE service manual.
11. If necessary, adjust speaker volume.

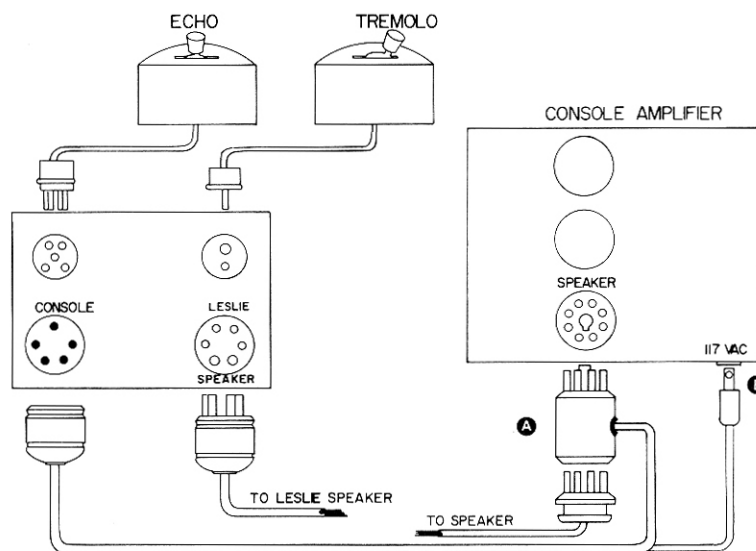
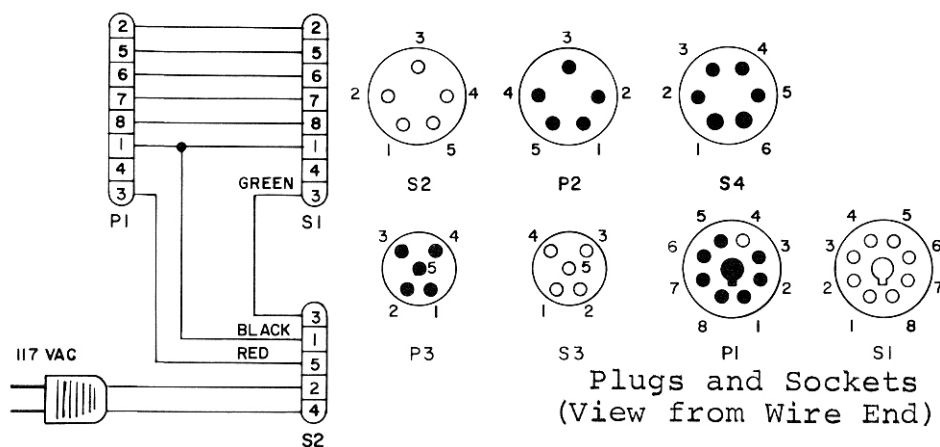
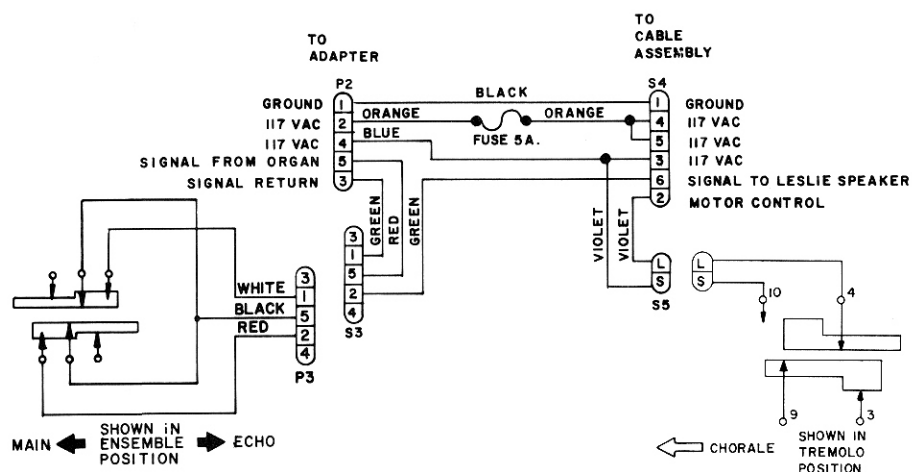


Figure 1. Installation

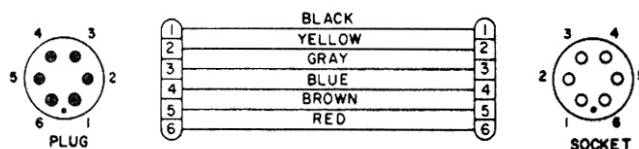


Plugs and Sockets
(View from Wire End)

Schematic, Console Adapter 061168



012617 Console Connector Assembly and Controls



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

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
Socket, 5-contact (D3)	029652
Socket, 6-contact (S4)	060459
Plug, 5-pin (P2)	025437
Fuse Holder	055178
Fuse, 5-amp	029280
Screw, sheet metal, 12 x 3/8	029314

PARTS LIST: 061168 CONSOLE ADAPTER

Cap	013136
Socket, 8-contact (S1)	027847
Socket, 5-contact (S2)	029264
Plug, 8-pin, with pin 4 cut off (P1)	036236
Grommet	028811
Sleeve, interceptor	029595
Cable Assembly, AC	029785

PARTS LIST: ECHO CONTROL

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

PARTS LIST: TREMOLO CONTROL

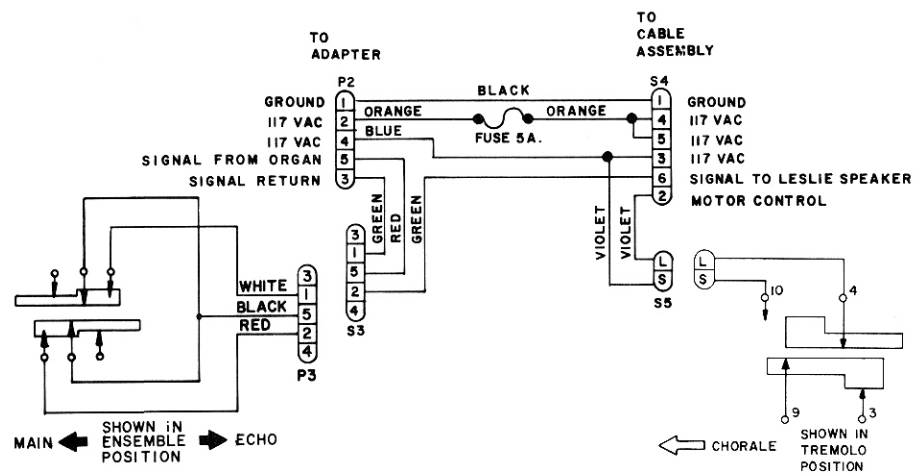
Switch Case		Switch, Cable, & Plug	
brown	103750	Assembly	061994
ebony	103760		
ivory	103770	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting,	
ebony	048710	6-32 x 3/8 (2)	029140
ivory	048728		
Switch Knob		Label, CHORALE/TREMOLO	103640
brown	048066		
ebony	048074	Cork, adhesive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

MULTIPLE SPEAKER INSTALLATION

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

PARTS LIST: 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



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