

CONSOLE CONNECTOR KIT 7284 INSTALLATION INSTRUCTIONS

FOR USE WITH: Dual-channel Organ Consoles
Various LESLIE speakers. (See LESLIE price sheet for speaker-console combinations.)

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| 1 062042 Console Connector | 2 Tremolo Controls |
| 1 027276 Console Adapter | brown 012625 |
| 2 017277 Cable, 6-conductor | ebony 012633 |
| 1 027268 Hardware Kit | ivory 012641 |
| 028464 Staples, insulated (10) | |
| 029132 Screws, sheet metal | 1 Echo Control |
| 8 x 1/2 (2) | brown 052035 |
| 029124 Screws, wood, | ebony 052043 |
| 6 x 1/2 (7) | ivory 052050 |
| 028076 Wire Nut | |
| 037168 Socket, AC, quick-disconnect | |
| 1 053025 Oiler | |
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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!

A. All Organs

1. Mount the two control switches just below the lower manual of the organ in a place convenient to the organist, using the wood screws provided in the kit.

NOTE: When drilling into the organ be sure to select a location where no internal components will be damaged.

2. Route the control cables through the keyboard shelf and into the amplifier section of the organ. If no opening is provided, drill a 7/8" hole in the keyboard shelf just under the lower manual.
3. Mount the console connector chassis in a location where the control cables can reach their connections.

4. Plug the two tremolo control cables into the MAIN TREMOLO and TIBIA TREMOLO sockets on the console connector.
5. Connect the black lead from the adapter to any ground point on the organ amplifier or power supply.

Continue with instruction group B or C, whichever is applicable to the organ being connected.

B. Organs Without Crossover Networks

6. Cut the signal wire between the organ amplifier and the tibia speaker. (Leave a workable length on each side.) Strip both cut ends 1/4 to 3/8 inch. Connect the wire on the amplifier side to the red lead from the console adapter, using a wire nut.*
7. Connect the wire on the speaker side to the orange lead from the console adapter, using a wire nut.*
8. Cut the signal wire between the organ amplifier and the main speaker. (Leave a workable length on each side.) Strip both cut ends 1/4 to 3/8 inch. Connect the wire on the amplifier side to the green lead from the console adapter, using a wire nut.*
9. Connect the wire on the speaker side to the white lead from the console adapter, using a wire nut.*

C. Organs With Crossover Networks

6. Cut the signal wire to the tibia speaker between the organ amplifier and the crossover. (Leave a workable length on each side.) Strip both cut ends 1/4 to 3/8 inch. Connect the wire on the amplifier side to the red lead from the console adapter, using a wire nut.*
7. Connect the wire on the crossover side to the orange lead from the console adapter, using a wire nut.*
8. Cut the signal wire to the main speaker, between the organ amplifier and the crossover. (Leave a workable length on each side.) Strip both cut ends 1/4 to 3/8 inch. Connect the wire on the amplifier side to the green lead from the console adapter, using a wire nut.*
9. Connect the wire on the crossover side to the white lead from the console adapter, using a wire nut.*

* Do not twist the wires together before inserting them in the nut; the nut joins them as it is turned.

D. All Organs

10. Connect the blue and gray leads from the console adapter to a source of switched 117-V AC (controlled by the organ power switch), using wire nuts.
11. Connect the socket of the adapter cable to the CONSOLE plug on the console connector.
12. Plug the two cables from the two LESLIE speakers into the MAIN and TIBIA sockets on the console connector. The installation is now complete.

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: CONSOLE CONNECTOR ASSEMBLY 062042

Chassis 061838

Socket, 7-contact (S1)	029306
Socket, 6-contact (S3, S4)	060459
Plug, 9-pin (P2)	021170
Fuseholder	055178
Fuse, 5-amp	029280
Capacitor, .01 mfd, 1kV	060467
Screw, machine, 12 x 3/8	029314
(6 required)	

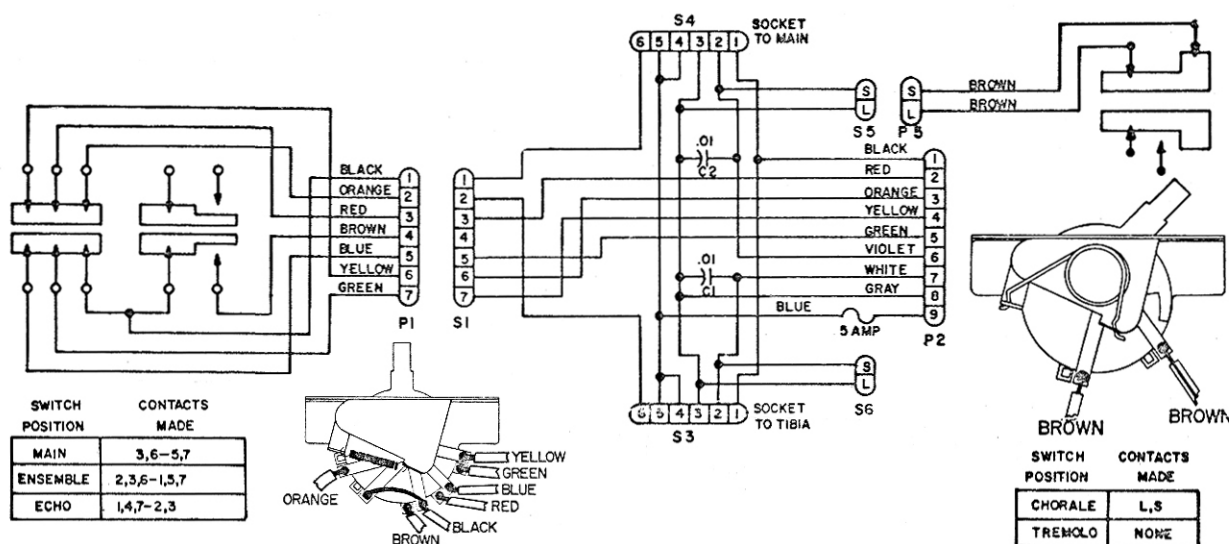


Figure 1. Schematic, 062042 Console Connector with Controls

PARTS LIST: SPEAKER CABLE 017277

6-conductor Bulk Cable	010298
(specify length required)	
6-pin Plug Assembly, Amphenol	061721
6-contact Socket Assembly, Amphenol	029546

PARTS LIST: TREMOLO CONTROL

Switch Case	Switch, cable, and plug assembly
brown 103750	061994
ebony 103760	
ivory 103770	Switch Retainer (2)
Case Cover	
brown 048702	Screw, TCF, 6-32 x 3/8 (2 required)
ebony 048710	029140
ivory 048728	
Switch Knob	Label, CHORALE/TREMOLO
brown 048066	103640
ebony 048074	

PARTS LIST: ECHO CONTROL

Switch Case	Switch, cable, and plug assembly
brown 103750	029249
ebony 103760	
ivory 103770	Switch Retainer (2)
Case Cover	
brown 048702	Screw, TCF, 6-32 x 3/8 (2 required)
ebony 048710	029140
ivory 048728	
Switch Knob	Label, MAIN/ENSEMBLE/ECHO
brown 048066	103760
ebony 048074	

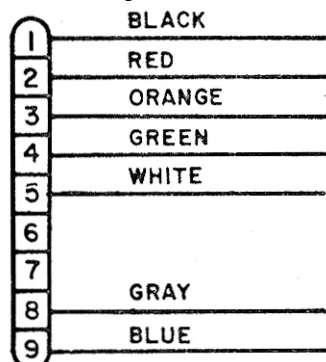


Figure 2.
027276 Adapter

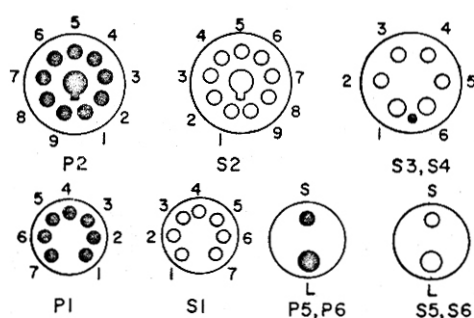


Figure 3.
Plug and Socket Base Diagram