



CONSOLE CONNECTOR KIT 7270

INSTALLATION INSTRUCTIONS

FOR USE WITH: Single-channel organs
LESLIE Speakers having 9-conductor outputs

KIT CONTENT

| | | | |
|------------------------------|--------|------------------|--------|
| Console Connector Assembly | 113910 | Adapter Package | 132670 |
| Cable Assembly, 9-conductor | | Adapter, console | 027094 |
| 30-foot | 021600 | Wire Nut (5) | 028076 |
| Oiler | 053025 | Tremolo Control | |
| Hardware Package | 136140 | | |
| Screw, wood, 6 x 1/2, | | brown | 043281 |
| Phillips head (4) | 029124 | ebony | 043299 |
| Screw, sheet metal, 8 x 1/2, | | ivory | 043307 |
| Phillips head (2) | 029132 | | |
| Staple, insulated (5) | 028464 | brown | 029397 |
| | | ebony | 029405 |
| | | ivory | 029413 |
| | | Echo Control | |

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 person 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 7/8-inch hole in the keyboard shelf just under the lower manual.

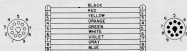
NOTE: When drilling into the organ be sure to select a location where no internal components will be damaged.

3. Mount the console connector inside the organ in such a position that all cables and connectors can reach their connection points.

4. Plug the echo and tremolo control cables into the ECHO SW and TREM SW sockets, respectively, of the console connector.
5. Connect the black wire from the console adapter to any ground point on the organ console amplifier.
6. Cut the signal lead to the organ speaker. (Do not cut the wire near the terminal; leave a workable length for the connection which is to be made.) Strip the end of the wire which is still connected to the speaker (1/4 to 3/8 inch) and connect this and the green wire from the console adapter together, using one of the wire nuts provided in the kit. It is not necessary to twist the wires together before inserting them in the wire nut; the nut joins the wires when it is turned.
7. Strip the end of the wire still attached to the organ console amplifier. Connect this and the red wire from the console adapter together, using a wire nut.
8. Locate a wire carrying switched 117-V AC inside the organ. Connect the blue and gray wires from the adapter, using wire nuts. The terminals of the power transformer may be used for this connection, if desired. Also, some organs may have a socket providing the switched AC. In this case a plug may be attached to the blue and gray wires, for convenient installation.
9. Connect the adapter socket to the plug marked CONSOLE.
10. Connect the cable from the LESLIE speaker to the socket marked LESLIE SPKR.

PARTS LIST: 021600 CABLE ASSEMBLY

| | |
|---|--------|
| Plug Assembly, 9-pin | 061879 |
| Socket, 9-contact | 028837 |
| Cap Body, right | 130000 |
| Cap Body, left | 130010 |
| Screw, sheet metal, 4 x 1/2, hex washer head | 136360 |



(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: 113910 CONSOLE CONNECTOR ASSEMBLY

| | |
|--|--------|
| Cable and Plug Assembly, 5-pin (P1) (includes R1) | 138079 |
| Housing, socket, 3-circuit, white Molex (S3) | 042077 |
| Socket, 5-contact (S4) | 029652 |
| Socket, 9-contact (S2) | 061713 |
| Fuse holder | 055178 |
| Fuse, 5-amp | 029280 |
| Screw, SMA, 12 x 3/8, Phillips head (4) | 029314 |
| Stud, Trimount (2) | 012690 |
| Insert, contact, female (on wire) (3) | 023556 |

PARTS LIST: ECHO CONTROL

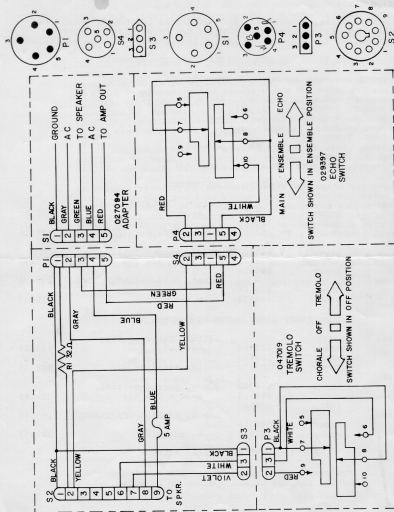
| | | | |
|-------------|--------------|--|--------|
| Switch Case | | Switch, Cable, & Plug Assembly | 062000 |
| | brown 103750 | | |
| | ebony 103760 | | |
| | ivory 103770 | Switch Retainer (2) | 048116 |
| Case Cover | | | |
| | brown 048702 | Screw, thread-cutting, 6-32 x 3/8 (2) | 029140 |
| |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

PARTS LIST: TREMOLO CONTROL

| | | | |
|-------------|--------------|--|--------|
| Switch Case | | Switch, Cable, & Plug Assembly | 043315 |
| | 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, CHORALE/OFF/TREMOLO | 103650 |
| | brown 048066 | | |
| | ebony 048074 | Cork, adhesive | 029157 |

MULTIPLE SPEAKER INSTALLATION

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



(plugs and sockets viewed from wire end)