

CONSOLE CONNECTOR KIT 7269 INSTALLATION INSTRUCTIONS

FOR USE WITH: LESLIE Speaker Model 110

Single Channel Organs with Built-In Speakers

KIT CONTENTS		ECHO/TREMOLO CONTROL
1	108670 Console Connector	108750 brown
1	017277 Speaker Cable, 6 Conductor	108760 ebony
1	053025 Oiler	108770 ivory
1	108740 Installation Instructions	
2	029132 Screws, #8 x 1/2", Cadmium Plated	
2	029124 Screws, #6 x 1/2", Blk Oxide	
4	028464 Insulated Staples	

INSTALLATION:

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

Organ Signal Interception:

1. Using the cadmium plated screws, mount the console connector chassis in a location where its red, green, and black wires will reach the terminals of the organ's internal loudspeaker. (See "A" on Fig. 1.) The blue and gray AC wires should reach a switched AC power outlet in the organ (that is, an AC outlet controlled by the organ power switch).
2. Detach the signal wire from the organ's internal loudspeaker. This speaker terminal is usually dotted or marked with a sign. Connect this signal wire to the red wire from the console connector. If necessary clip the lug off the end of the red wire, strip 3/8" insulation, and solder the wires together. (See "B" on Fig. 1.)
3. Attach the green console connector wire to the vacated signal terminal on the organ speaker. If necessary, clip the lug off the end of this green wire and solder the wire to the speaker terminal. (See "C" on Fig. 1.)
4. Attach the black console connector wire to the common terminal on the organ speaker. Some organ speakers have two common terminals. In such cases, the black wire may be connected directly. In cases where only one lug is provided, clip off the black wire's lug, strip 3/8" insulation from the wire end, and solder it to the speaker's common terminal. (See "D" on Fig. 1.)

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AC Interception:

5. Find a source of switched AC voltage (an AC outlet which is switched on and off by the organ power switch). This may be a standard AC outlet at the rear of the organ, two contacts in an external speaker socket, etc. (See "E" on Fig. 1.)

6. Connect the blue console connector wire to one side of the switched AC voltage. Connect the gray console connector wire to the other side of the switched AC voltage. Insulate both connections with electrical tape.
7. An alternate, though less desirable, source of AC power could be a wall outlet. If there is no available source of switched AC in the console attach a male, 2-prong plug to the blue and gray wires for connection to a household extension cord of good quality. To turn the speaker on and off will necessitate insertion and removal of the extension cord at the wall outlet unless an in-line switch is installed in the extension cord.

Mounting and Connecting the Echo/Tremolo Control:

8. Mount the switch on the underside of the wooden rail located at the front of the lower manual. Use the black oxide wood screws provided.

CAUTION: BE CAREFUL NOT TO DRILL THROUGH FROM THE OUTSIDE AT A POINT WHERE THE DRILL COULD CAUSE INTERNAL DAMAGE WHEN BREAKING THROUGH.

9. Route control cable under the lower manual, through the keyboard shelf, and into the amplifier section of the organ. If no opening is provided, drill a 1-inch hole in the keyboard shelf beneath the lower manual, after determining where placement will not interfere with organ's internal components.
10. Connect the control cable plug to the matching socket on the console connector chassis. (See "F" on Fig. 1.)

Speaker Cable Connection:

11. Connect the speaker cable to the LESLIE SPEAKER socket on the console connector chassis and the six-pin plug (Fig. 2) at the rear of the Model 110 speaker. (See "G" on Fig. 1.)

SPEAKER CONTROL FUNCTIONS:

CONTROL POSITION	WHAT HAPPENS
ECHO:	Only the LESLIE speaker sounds. The Model 110 rotor is in the TREMOLO mode (fast speed).
ENSEMBLE:	The organ speaker and the LESLIE speaker sound together. The Model 110 is in the CHORALE mode (slow speed).
MAIN:	Only the organ speaker sounds.

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 listed.

PARTS LIST: 108670 CONSOLE CONNECTOR ASSEMBLY

S1	042119	6 Circuit White Mo1ex Socket Housing w/Mtg.
S1	023556	Female Molex Inserts (5 Required)
S2	030775	6 Contact Socket w/Mtg. Plate
1	022368	Strain Relief Bushing
1	029371	Male Spade Lug
2	029389	Female Spade Lugs
2	029314	Screws, Sheet Metal "A", #12 x 3/8"

PARTS LIST: 017277 SPEAKER CABLE

010298	6 Conductor Bulk Cable (Specify Length Required)
061721	6 Pin Plug Assembly, Ampheno1
029546	6 Contact Socket Assembly, Ampheno1

PARTS LIST: ECHO/TREMOLO CONTROL

Switch Case	Switch Knob
103750 brown	048066 brown
103760 ebony	048078 ebony
103770 ivory	
	Screw, TCF, 6-32 x 3/8"
Switch Case Cover	029140
048702 brown	
048710 ebony	P1 6 Pin Mo1ex Plug Housing-White
048728 ivory	023259
Switch Retainer (2 Req'd.)	P1 Male Mo1ex Insert (5 Req'd.)
048116	023309

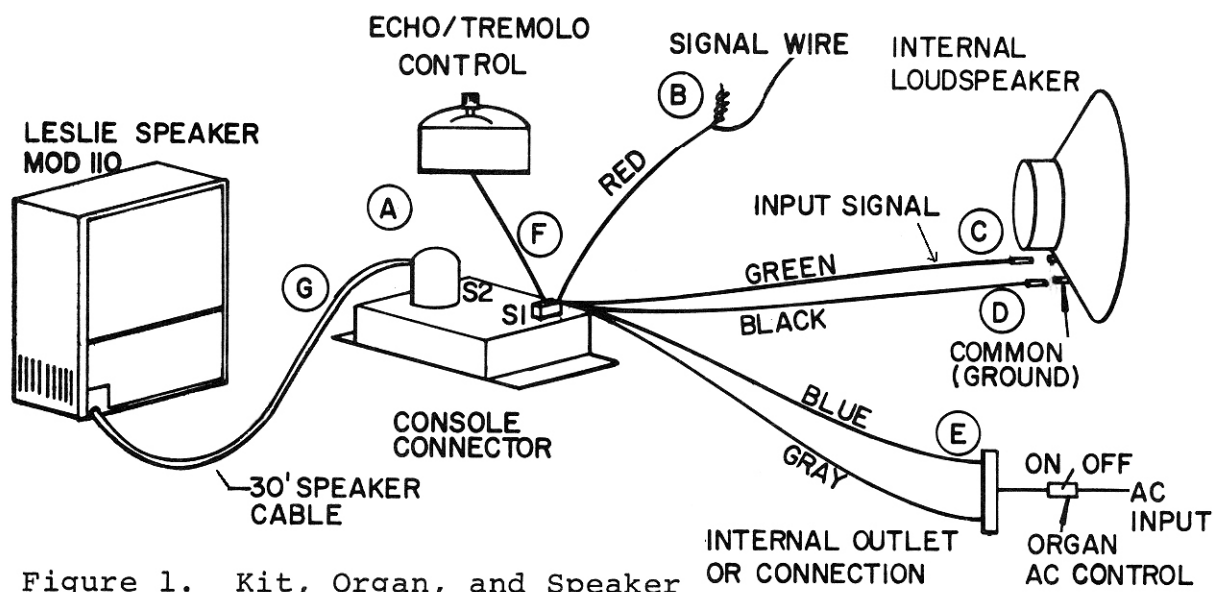


Figure 1. Kit, Organ, and Speaker

(VIEWED FROM WIRE END)

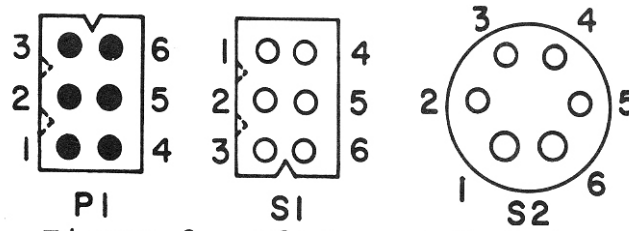


Figure 2. Plugs and Sockets

