

CONSOLE CONNECTOR KIT 7940 INSTALLATION INSTRUCTIONS
FOR USE WITH: CONN Organ Models 635 (Caribe) and 644 (Martinique)
LESLIE Speaker Model Combination 540/720

KIT CONTENT

Console Connector Assembly	139089	Oiler	053025
Cable Assembly, 11-conductor, 30-foot	137357	Hardware Package	022467
		Y-Adapter	137469

When this equipment is installed in the organ and connected as described in the instructions the LESLIE speakers can be controlled by the tabs built into the organ.

The TREMOLO (fast) or CHORALE (slow) mode of rotor operation can be selected by pressing the Leslie Tremolo or Leslie Celeste tab, respectively. These tabs also control the built-in LESLIE rotor.

The main/ensemble/echo effect usually associated with LESLIE speakers and generally controlled by a separately-mounted switch is achieved in this installation by built-in tabs. A Console Speakers Off tab (CS) and an External Speakers On tab (ES) used together create the selected effect.

EFFECT	TAB SETTING
main	ES not pressed, CS not pressed
ensemble	ES pressed, CS not pressed
echo	ES pressed, CS pressed

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:

Martinique

1. Remove the back panel from the organ.
2. Locate the small compartment at the extreme lower left (looking into the back of the organ).
3. Fastening a screw through each flange, mount the console connector on the forward wall of the compartment.
4. Go to step 7 of the instructions for the Caribe.

Caribe

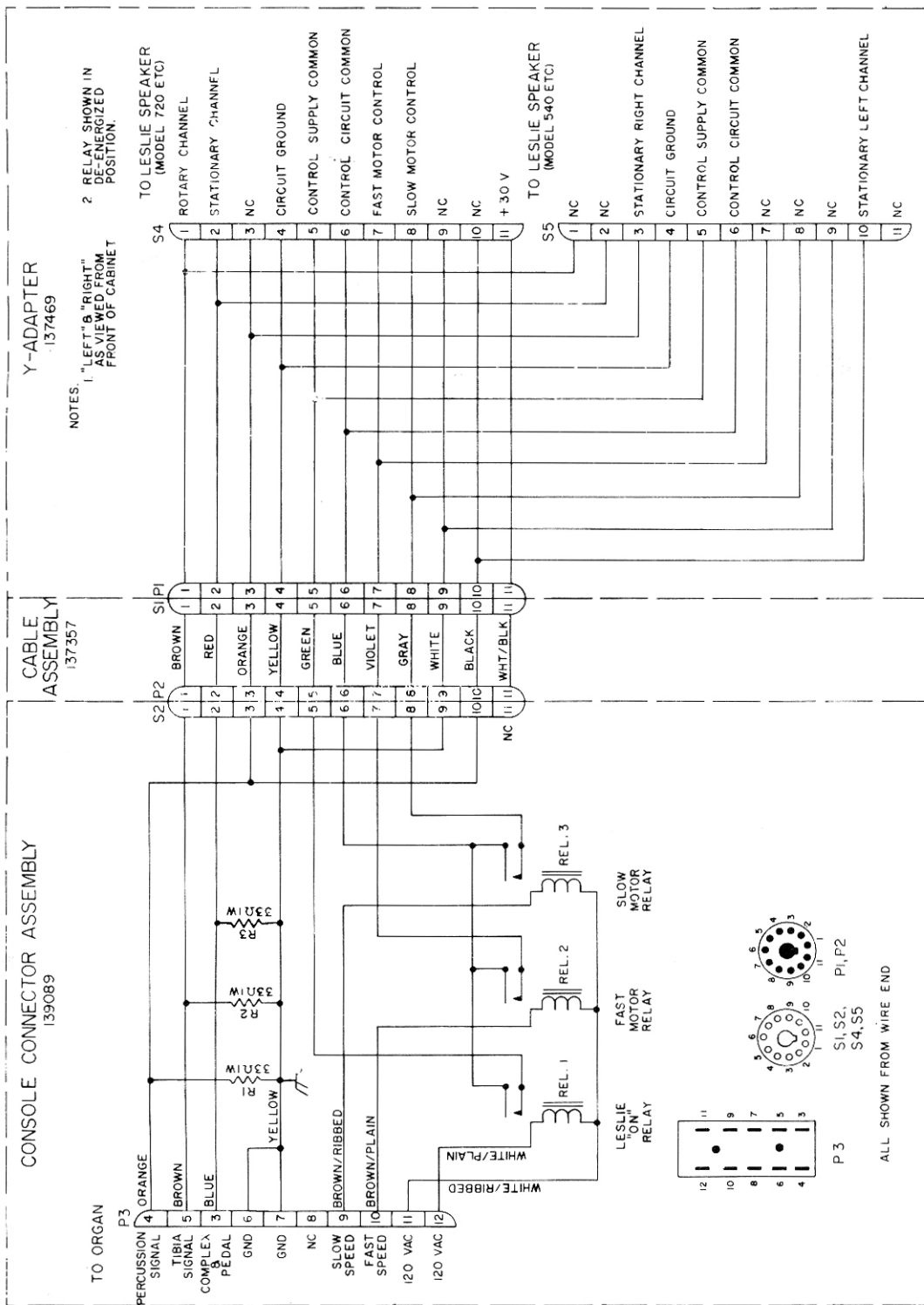
1. Remove the back panel from the organ.
2. Locate the small compartment at the extreme lower left (looking into the back of the organ) .
3. Hold the console connector against the left sidewall, inside this compartment. With an awl or other sharp instrument, make a small hole where the screw will go through the console connector flange nearest the front of the organ.
4. Remove the console connector. Start the mounting screw in the hole just made, and tighten it until the lead is approximately 1/16-inch from the sidewall.
5. Slide the console connector into the compartment until the flange engages the installed screw. (Push the console connector as far forward as possible.)
6. Install the rear screw and turn it until the flange is pressed tightly against the sidewall.
7. Attach the plug from the console connector to the matching socket mounted on the bracket at the back lower rail.
8. Connect one end of the cable assembly to the console connector. Connect the Y-adapter to the other end of the cable assembly.
9. Connect the short leg of the Y-adapter to the basic cabinet (720) and the longer leg to the model 540 cabinet.
10. Check that connections are properly made by playing the organ while the controls which affect the LESLIE speakers are set for different combinations of effects. Re-install the back panel of the organ.
11. Adjust the volume of the LESLIE speakers, if required, as explained in the owner's manual for the speaker. Installation is now complete.

PARTS LIST; 139089 CONSOLE CONNECTOR ASSEMBLY

Cable and Plug Assembly, 10-circuit (P3)	139091
Socket, 11-contact (S2)	028852
Relay, SPDT, 117VAC (REL 1,2,3)	027649
Resistor, 33-ohm, 1W, 10% (R1,R2,R3)	028332

PARTS LIST: 137357 CABLE ASSEMBLY

Plug Assembly, 11-pin (with screw) (P2)	137299
Plug, 11-pin, modified	137296
Socket, 11-contact (S1)	137297
Package, plug cap and screws	137457
(order for repair use) (contains cap body sections, screws, and tubing)	



Schematic, Console Connector with Cable Assembly and Y-Adapter