

CONSOLE CONNECTOR KIT 7953 INSTALLATION INSTRUCTIONS

FOR USE WITH: Organs having 3 or 4 separate amplifiers
(feeding 3 or 4 loudspeaker systems)

LESLIE Speaker Model Combinations 705/540 or 720

KIT CONTENT

Console Connector Assembly	139944	Y-adapter	137469
Cable Assembly, 11-conductor		Switch Assembly	
30-foot	137357	(ECHO-TREMOLO)	139950
Oiler	053025	Hardware Package	137356

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

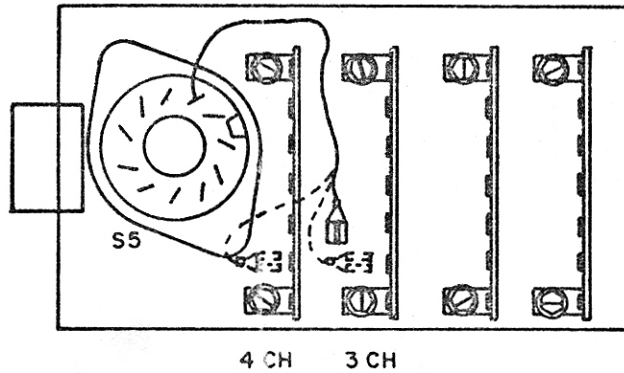
CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING

Mount the console connector in a suitable location inside the organ. Connect the colored wires, as listed in the chart following, from the console connector to the appropriate organ channel signal wires and speakers. (Also, see schematic)

CHANNEL NO.	CHANNEL IDENTITY	LESLIE SPEAKER MODEL & CHANNEL	WIRE TO ORGAN SIGNAL	WIRE TO ORGAN SPEAKER
1	Rotary Built-in LESLIE Tibia Flute, etc.	705 or 720 rotary	BROWN	BLUE
2	Main, Pedal, Strings, Rhyth., etc.	705 or 720 stationary	RED	VIOLET
3	Presence, Phase Shift, Electronic Processed Rhythm, etc.	540 right	ORANGE	GRAY
4	Same as Ch. 3 left.	540	YELLOW	WHITE

Connect the BLACK wire to the GROUND side of the organ signal (usually available at one of the organ speaker terminals).

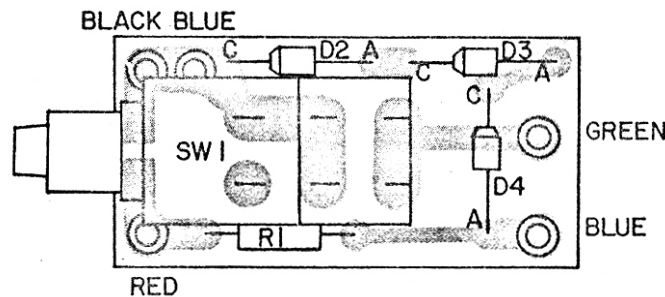
A moveable jumper wire (BLACK, from pin 10 of 11-pin socket S5) is provided to "program" the connector for 3-or 4-channel organs. For 4-channel organs connect the tab end of the jumper to the terminal which has the junction of R9 (33 ohms) and R5 (100 ohms) on the terminal strip nearest the 11-pin socket (see sketch). For 3-channel organs connect the jumper to the terminal in the same relative position, on the second strip from S5.



Jumper Wire Connection (inside console connector)

Install the control unit in the position selected on the organ console, drill a hole in the keybed to pass the cable inside the organ console, and connect the cable to the mating receptacle on the console connector chassis.

Refer to LESLIE Speaker Model 540 OWNER'S MANUAL for typical LESLIE speaker connection information.



Circuit Board Assembly 137339

Switch, push/push (SW3)	137303
Diode, silicon, 1-amp, 100 PIV (D2, D3, D4)	021154
Diode, light-emitting (D1)	137315
Resistor, 47-ohm, 1/2W, 10% (R1)	016311
Etched Circuit Board	141522

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: 139944 CONSOLE CONNECTOR ASSEMBLY

Socket, 11-contact (S2)	028852
Connector, tab, Berg, female	029389
Resistor, wire-wound, 100-ohm, 3W,10% (R2, R3 ,R4 ,R5)	021675
Resistor, 33-ohm, 1W, 10% (R6,R7,R8,R9)	028332
Cable and Housing Assembly	139948
Housing, socket, Mini Molex, 24-circuit (S1)	110120
Contact, insert, Mini Molex, female	065581
Connector, tab, AMP, male	029371
Connector, tab, Berg, female	029389

PARTS LIST: 139950 SWITCH ASSEMBLY

Switch and Cable Assembly	139952
Case	137282
Clamp, cable	137365
Knob, switch, white	137291
Nut, knurled	132430
Cork, adhesive	137419

PARTS LIST: 139952 SWITCH AND CABLE ASSEMBLY

Circuit Board Assembly	137339
Switch, lever, 3-position (TREMOLLO) (SW2)	137304
Switch, lever, 3-position (ECHO) (SW1)	139035
Housing, plug, miniature Molex, 24-circuit, natural (white) (P1)	101310
Contact, insert, miniature Molex, male	065599

PARTS LIST: 137357 CABLE ASSEMBLY

Plug Assembly, 11-pin (with screw) (P2)	137299
Plug, 11-pin, modified	137296
Package, plug cap and screws (order for repair use) (contains plug body sections, screws, and tubing)	137457
Socket, 11-contact (S3)	137297

