

CONSOLE CONNECTOR KIT 7662 INSTALLATION INSTRUCTIONS
FOR USE WITH: CONN Organ Models 460, 461, 462, 464, 544, 552
LESLIE Speaker Model 700

KIT CONTENT

Console Connector		Switch Assembly	
Assembly	064097	brown	052035
Cable Assembly,		ebony	052043
9-conductor, 30-ft	021600	ivory	052050
Oiler	053025	Screw, sheet metal,	
Screw, wood, 6 x 1/2,		8 x 1/2, Phillips	
Phillips head (2)	029124	head (2)	029132
Staple, insulated (8)	028464	Installation	
		Instructions	064154

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!

1. Mount the echo control on the wooden rail in front of the lower manual. Use the wood screws provided.
2. Remove the back panel from the organ.
3. Route the echo control cable under the lower manual. If the control is mounted at the right hand side of the lower manual, remove the fiberboard covering the access hole beneath the right end of the lower manual. Pass the cable through this hole toward rear of the organ. If the control is mounted on the left side, drill a 1-inch hole beneath the left end of the keyboard shelf. Route the cable to rear of organ. Fasten the cable in place with staples provided.
4. Mount the console connector within reach of the echo control cable with the two 8 x 1/2" screws provided.
5. Insert the plug from the echo switch (P2) into the socket labeled ECHO SW, on the console connector assembly.
6. Locate a row of three plugs on top of the Conn amplifier. Detach the 8-pin plug in this row which is nearest amplifier's rear. This is the plug on which pin 4 has been clipped off.

7. Plug the console connector interceptor (P4) into the Conn amplifier socket vacated in step 6.
8. Insert the Conn plug disconnected in step 6 into the socket end (S4) of the console connector interceptor.
9. Detach the Conn socket from the 5-pin tremolo unit plug. (Built-in LESLIE rotor)
10. Connect the socket end of the motor control interceptor (S3) with the tremolo unit plug.
11. Connect the Conn socket detached in step 9 with the plug end of the motor control interceptor (P3).
12. Pass the 9-conductor cable assembly, which is provided in the kit, through the access hole in the organ back panel. Connect the plug end to the socket labeled TO LESLIE SPEAKER, on the console connector assembly.
13. Fasten the back panel of the organ in place.
14. Connect the plug end of the cable to LESLIE Speaker Model 700.
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: 064097 CONSOLE CONNECTOR ASSEMBLY

Interceptor Assembly, 7-circuit	064105
Circuit Board Assembly (includes P3, S3)	063818
Interceptor Assembly	063727
Socket, 9-contact, Amphenol, with mounting (S1)	061713
Socket, 7-contact, ebony (S2)	025205
Capacitor, 200mfd, 30VDC (C1)	027607
Capacitor, 20mfd, 50VDC (C2)	057679
Resistor, wire-wound, 16-ohm, 10W, 10% (R2)	029363
Resistor, wire-wound, 8-ohm, 10W, 10% (R1)	010934
Resistor, 100-ohm, 1/2W, 10% (R3, R4)	028399

PARTS LIST: 064105 INTERCEPTOR ASSEMBLY

Plug, 8-pin, octal (with pin 4 out) (P4)	036236
Socket, 8-contact, octal, without plate (S4)	027847
Sleeve, interceptor	041822

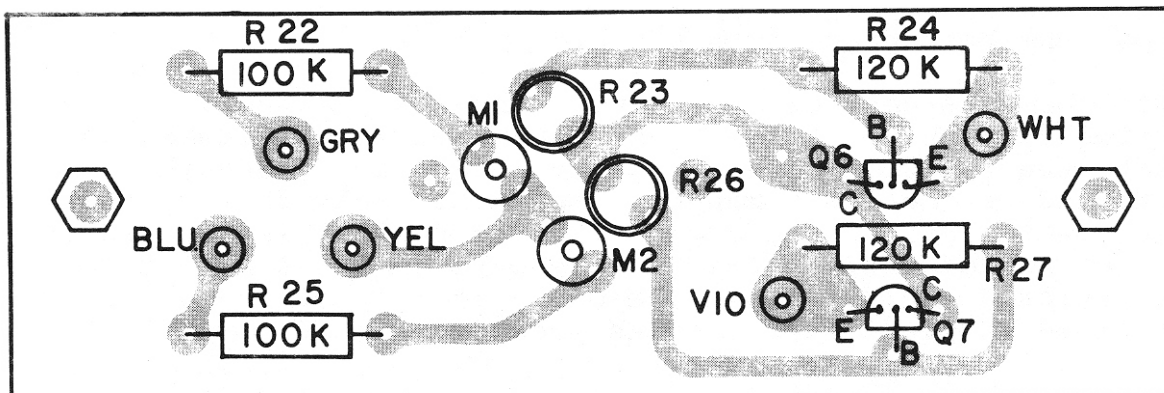


Figure 1. 063818 Circuit Board Assembly

PARTS LIST: 063818 CIRCUIT BOARD ASSEMBLY

Lamp, miniature neon, #Ne2	063958
Transistor, MSPS4382 (Q6, Q7)	026237
Resistor, 100K, 1/2W, 10% (R22, R25)	028498
Resistor, LDR, ORP66 (R23, R26)	030379
Resistor, 120K, 1/2W, 10% (R24, R27)	027078
Etched Circuit Board	059303

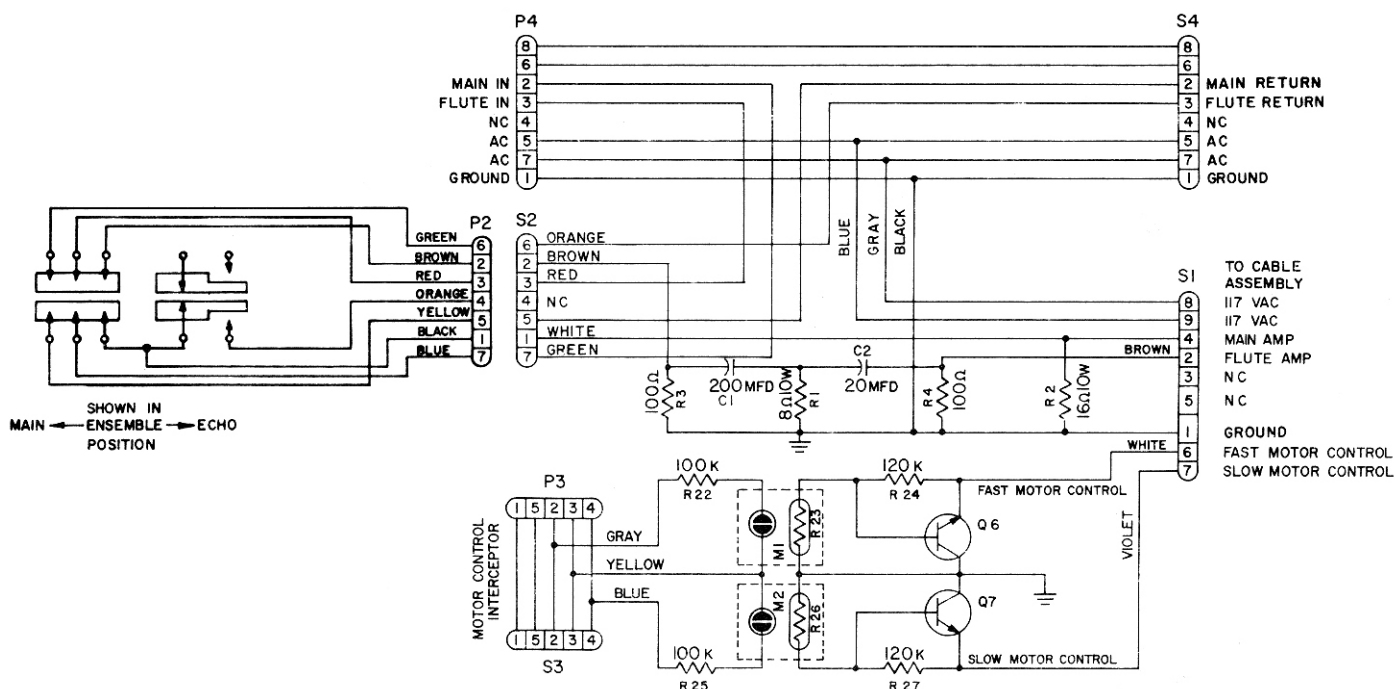


Figure 2. Schematic, 064097 Console Connector Assembly with Controls

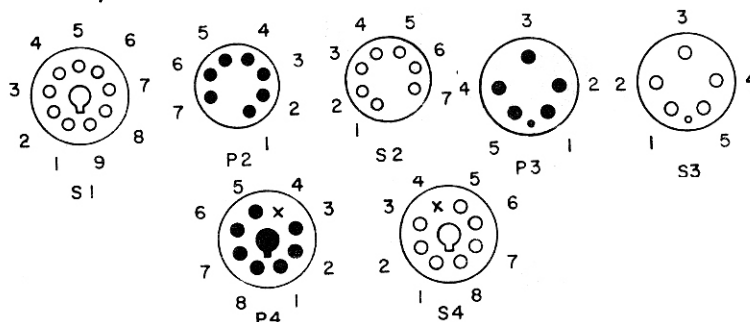


Figure 3. Plugs and Sockets
(Shown from Wire End)

PARTS LIST: ECHO CONTROL

Switch Case

brown	103750
ebony	103760
ivory	103770

Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch, Cable, & Plug Assembly

029249

Switch Retainer (2) 048116

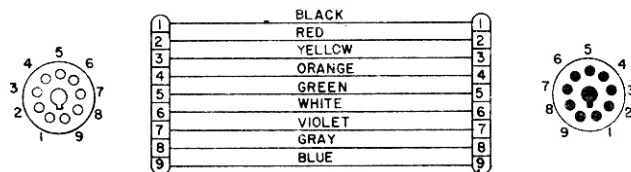
Screw, thread-cutting,
6-32 x 3/8 (2) 029140

Label, MAIN/ENS/ECHO 103670

Cork, adhesive 029157

MULTIPLE SPEAKER INSTALLATION

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



Plug and Socket Shown from Wire End)

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