

CONSOLE CONNECTOR KIT 7415 INSTALLATION INSTRUCTIONS

FOR USE WITH: LOWREY Organ Model TLOK-S
LESLIE Speaker Models 700, 710

KIT CONTENT

Console Connector Assembly	113990	Echo Control	
Hardware Package	065995	brown	042200
Screw, sheet metal, 8 x 1/2,		ebony	042218
Phillips head (2)	029132	ivory	042226
Screw, wood, 6 x 1/2,		Cable Assembly,	
Phillips head (2)	029124	9-conductor, 30-foot	021600
Staple, insulated (6)	028464	Oiler	053025

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 switch under the keybed.
2. Remove the screws that hold the mike input plate for the tape recorder, under the keyboard, at the left. (The plate will not come all the way off.)
3. Thread the switch cord through the opening behind the plate and through the organ to the side of the built-in tremolo unit.
4. Refasten the plate.
5. Mount the console connector on the side of the built-in tremolo unit.
6. Plug the echo switch into the console connector.
7. Remove the plug from the socket marked A (see figure) on the organ amplifier. Connect this plug to the socket of the interceptor. Connect the interceptor plug to socket A.
8. Connect console connector plug PI to the socket marked ECHO FOR LESLIE 45A or 47, on the organ amplifier (detail A).

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: 113990 CONSOLE CONNECTOR ASSEMBLY

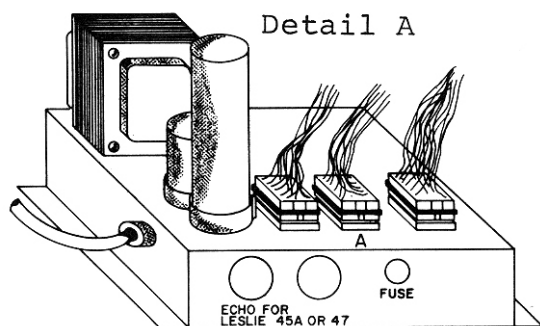
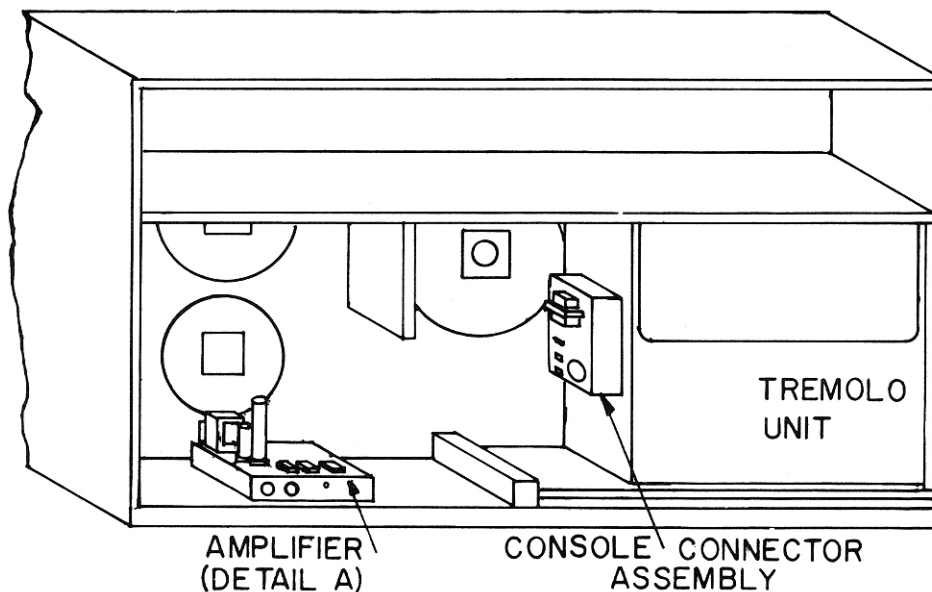
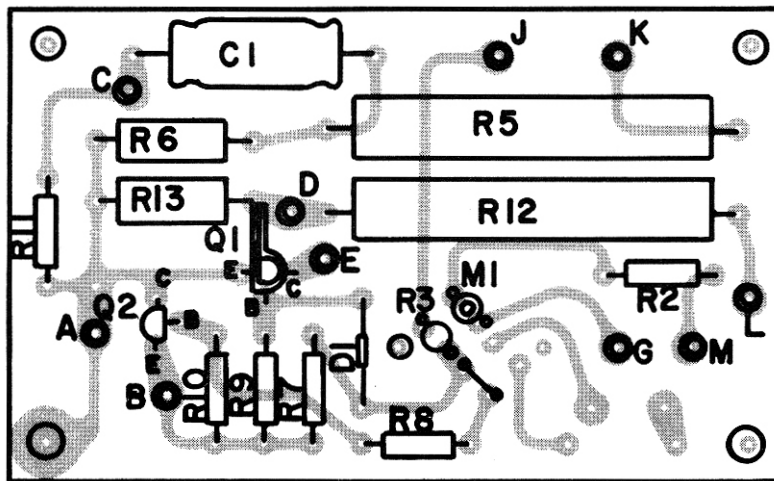
Circuit Board Assembly	114000
Bushing, .196 x .312 x .625	055079
Cable & Plug Assembly, 6-pin, 24-in.	114010
Plug, 6-pin	061721
Interceptor Assembly, Amp, 12-circuit, 22-in.	114030
Housing, plug, 12-circuit, Amp	114080
Housing, socket, 12-circuit, Amp	114090
Housing, socket, 4-circuit, Molex	042093
Insert, contact, Inline, Amp, male	010421
Insert, contact, Inline, Amp, female	010397
Insert, contact, Inline, Molex, female	023556
Can, lamp housing	023184
Socket, 9-contact, with mounting plate	061713
Screw, sheet metal, 12 x 3/8, Phillips head	029314

PARTS LIST: 114000 CIRCUIT BOARD ASSEMBLY

Ref Part

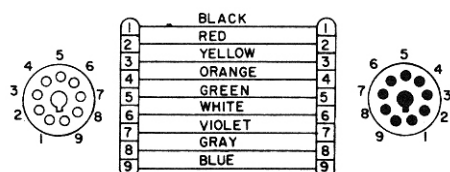
Desig	Description	No.
C1	Capacitor, non-polarized, 20 mfd 50V	057679
D1	Rectifier, silicone, 30 PIV	041616
M1	Lamp, Neon, miniature, Ne2	063958
Q1	Transistor, TZ525	033571
Q2	Transistor*	026237
R2	Resistor, 100K, 1/2W, 10%	028498
R3	Resistor, LDR	117980
R5	Resistor, wire-wound, 32-ohm, 10W, 10%	029769
R6	Resistor, 8.2-ohm, 1W, 10%	010124
R7	Resistor, 4.7-meg, 1/2W, 10%	013623
R8	Resistor, 56K, 1/2W, 10%	024133
R9	Resistor, 220K, 1/2W, 10%	013615
R10	Resistor, 15K, 1/2W, 10%	048157
R11	Resistor, 100-ohm, 1/2W, 10%	028399
R12	Resistor, wire-wound, 32-ohm, 10W, 10%	029769
R13	Resistor, 8.2-ohm, 1W, 10%	010124

*Due to critical operating qualities, this transistor is to be supplied only by the factory.



PARTS LIST: 042192 SWITCH, CABLE & PLUG ASSEMBLY

Housing, plug, 4-circuit	042101
Lever, switch, 3-position	010249
Insert, contact, male	023309



(Plug and Socket Shown
from Wire End)

PARTS LIST: 021600 CABLE ASSEMBLY

Plug Assembly, 9-pin	061879
Socket, 9-contact	028837
Cap, body	022046
Clamp, cut	022079
Screw, machine, 6-32 x 3/8	027979

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

042192

Switch Retainer (2)

048116

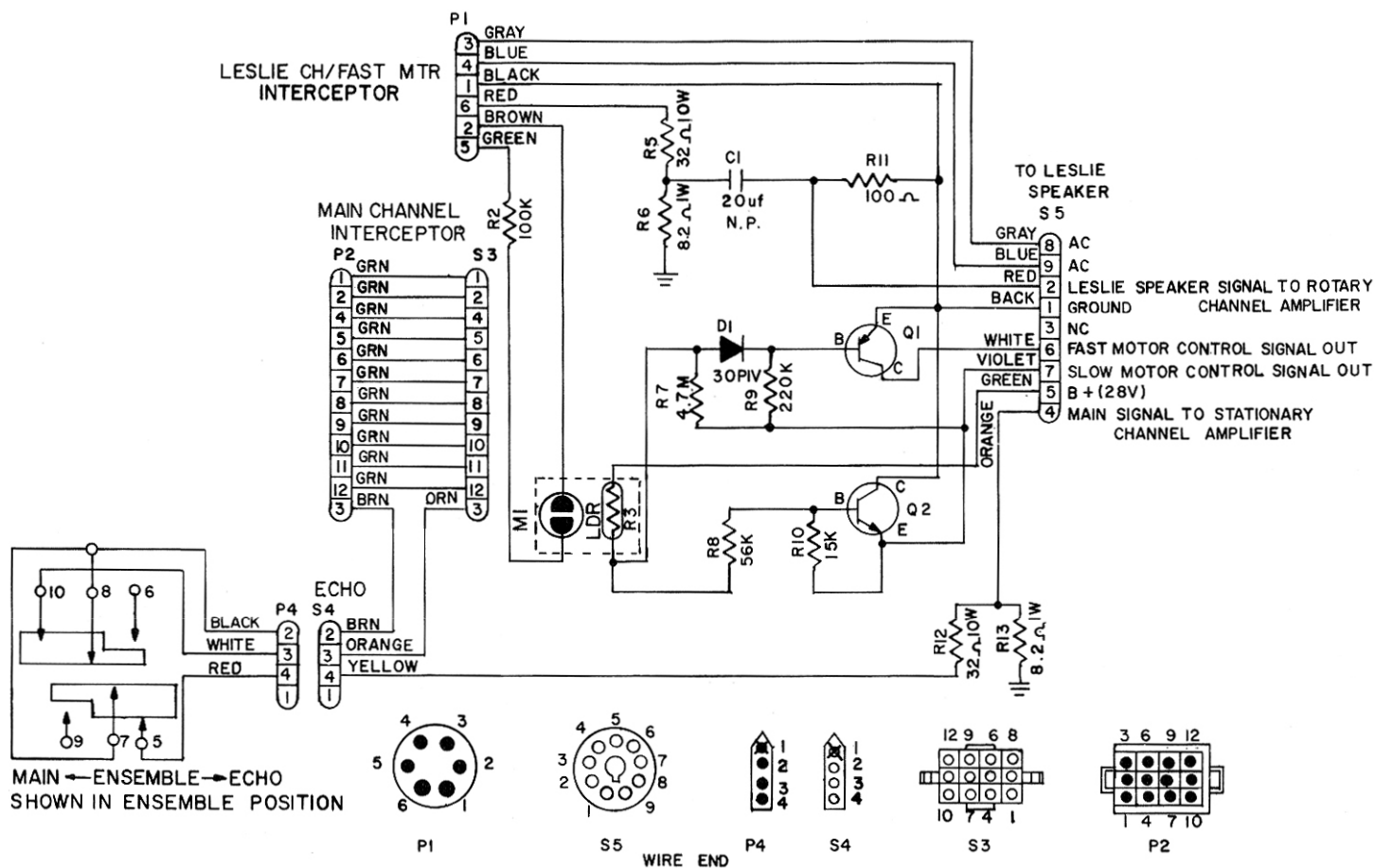
Screw, thread-cutting,
6-32 x 3/8

029140

Label, MAIN/ENSEMBLE/ECHO 103670

MULTIPLE SPEAKER INSTALLATION

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



Schematic, Console Connector Assembly 113990
(Plugs and Sockets Shown from Wire End)