

CONSOLE CONNECTOR KIT 7152 INSTALLATION INSTRUCTIONS
FOR USE WITH: Thomas Organ Models 252 or 253
LESLIE Speaker Models 110, 112

KIT CONTENTS

Console Connector Assembly	062042	Tremolo Control (2)
Console Adapter Assembly	110340	brown 012625
Cable Assembly, 6-conductor,		ebony 012633
30-foot	017277	ivory 012641
Screw, wood, 6 x 1/2 (7)	029124	
Screw, sheet metal,		Echo Control
8 x 1/2 (2)	029132	brown 052035
Staple, insulated (10)	028464	ebony 052043
Instructions	110370	ivory 052050

- 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. Remove the back panel from the organ.
2. Mount the console connector on the bottom shelf of the organ between the amplifier and the ballast (A, figure 1), using the two sheet metal screws provided in the kit.
3. Connect the console adapter to the 9-contact CONSOLE plug on the console connector.
4. Remove the 24-contact white molex plug from the organ amplifier and put the 24-contact plug from the console adapter into the vacated socket (B, figure 1). Connect the molex plug from the organ to the molex socket from the adapter.
5. Remove the green wire from the speaker on your right and connect it to the green wire from the console adapter.
6. Attach the white wire from the console adapter to the terminal just vacated (C, figure 1).
7. Remove the orange and white wire from the speaker on your left and connect it to the red wire from the console adapter.

8. Attach the orange wire from the console adapter to the terminal just vacated (D, figure 1).
9. Connect the black wire from the console adapter to the ground on either speaker (E, figure 1).
10. Lift the top of the organ. Remove two screws and a bracket on each side of the upper (solo) manual and lift the manual.
11. Remove (from underneath) the three screws that hold the left cheekblock in place. Turn the cheekblock upside down and place it behind its normal location (A, figure 2). A triangular hole will be seen at the extreme left.
12. Mount the control switches on the bass side of the organ front, in a location convenient to the organist (B, figure 2).
13. Route the cords from the control switches through the triangular hole and toward the back of the organ, then across to the treble side and down to the console connector (C, figure 2).
14. Plug the tremolo switch which will control the 110 speaker into the TIBIA TREM SW socket of the console connector and the tremolo switch which will control the 112 speaker into the MAIN TREM SW socket. (Note that the switches will work if plugged into the opposite sockets, but that the sound quality will be impaired.)
15. Plug the echo switch into the ECHO SW socket.
16. Plug the cable from the 110 speaker into the TIBIA socket and the cable from the 112 speaker into the MAIN socket. The cables may be drawn through one of the ventilation holes in the organ back, or a small part of the back panel may be cut away to allow the cables to pass.
17. Close and fasten the back.
18. Replace the left cheekblock and fasten it with its three screws.
19. Put down the upper manual, place the brackets in position, and fasten them with the screws. The 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 listed.

PARTS LIST

CONSOLE CONNECTOR ASSEMBLY

Socket, 2-contact	029298
Socket, 7-contact	029306
Socket, 6-contact	060459
Plug, 9-pin	021170
Fuseholder 055178	
Fuse, 5-amp	029280
Capacitor, 1000 VDC, .01 mfd +20%	060467
Screw, sheet metal, 12 x 3/8, Phillips head	029314

ECHO CONTROL TREMOLO CONTROL

Echo Switch Case

brown	103750
ebony	103760
ivory	103770

Tremolo Switch Case

brown	103750
ebony	103760
ivory	103770

Switch CaseCover

brown	048702
ebony	048710
ivory	048728

Switch Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch Knob

brown	048066
ebony	048074

Switch Retainer (2) 048116

Switch Retainer (2) 048744

 Switch, Cable and
Plug Assembly 029249

 Switch, Cable and
Plug Assembly 061994

Label (MAIN/ENSEMBLE/ECHO) 103670

Label (CHORALE/TREMOLO) 103640

drawings and schematics, next pages

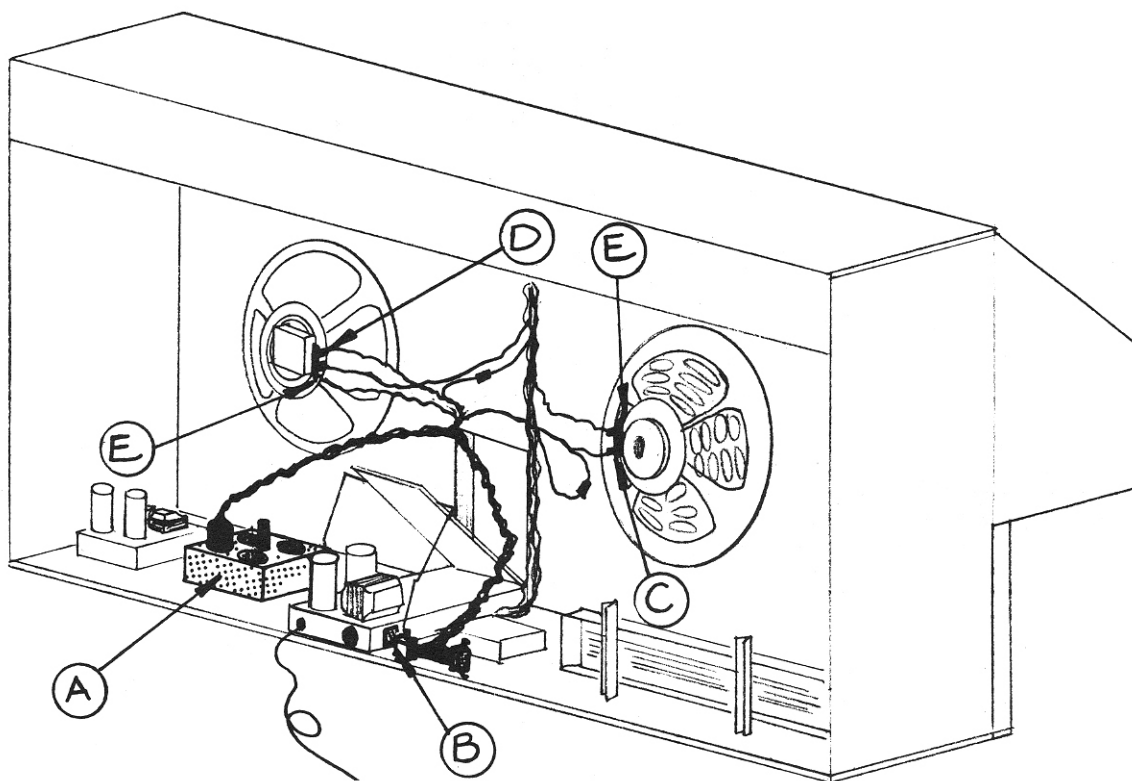


Figure 1. Organ Interior, Showing Connection Points

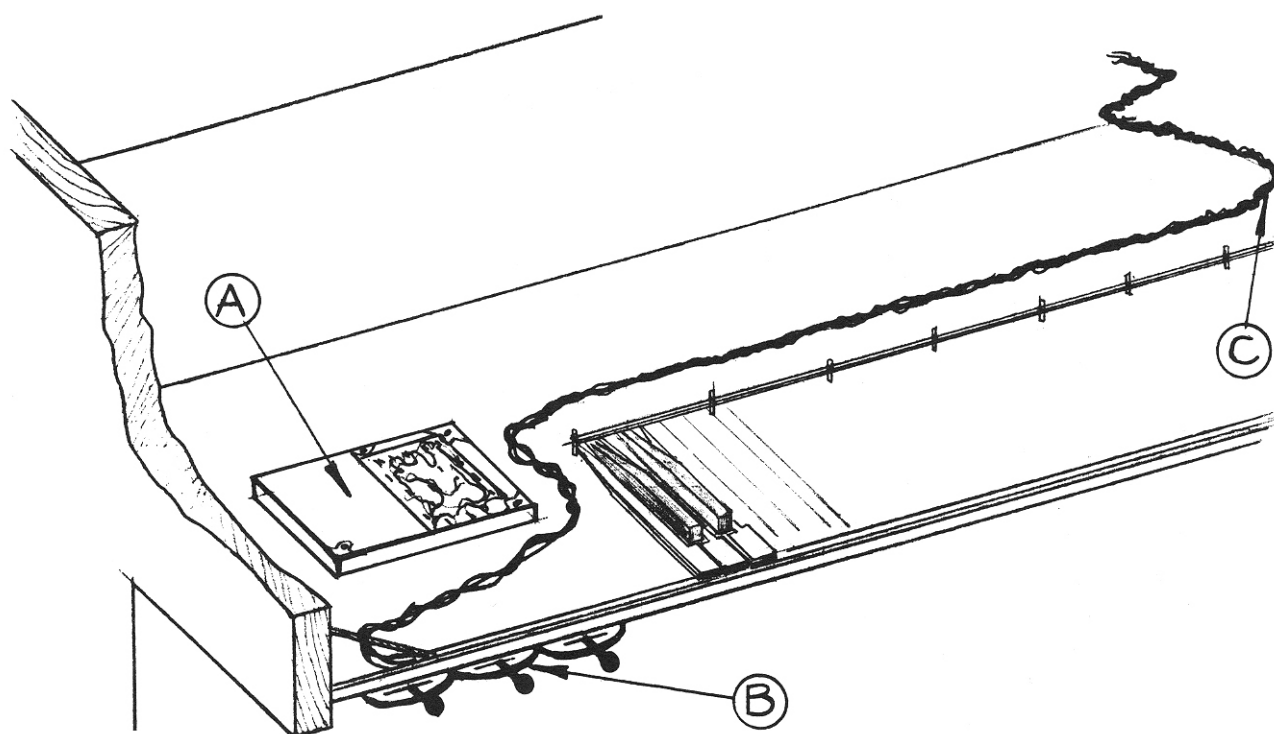


Figure 2. Location of Control Switches and Wiring

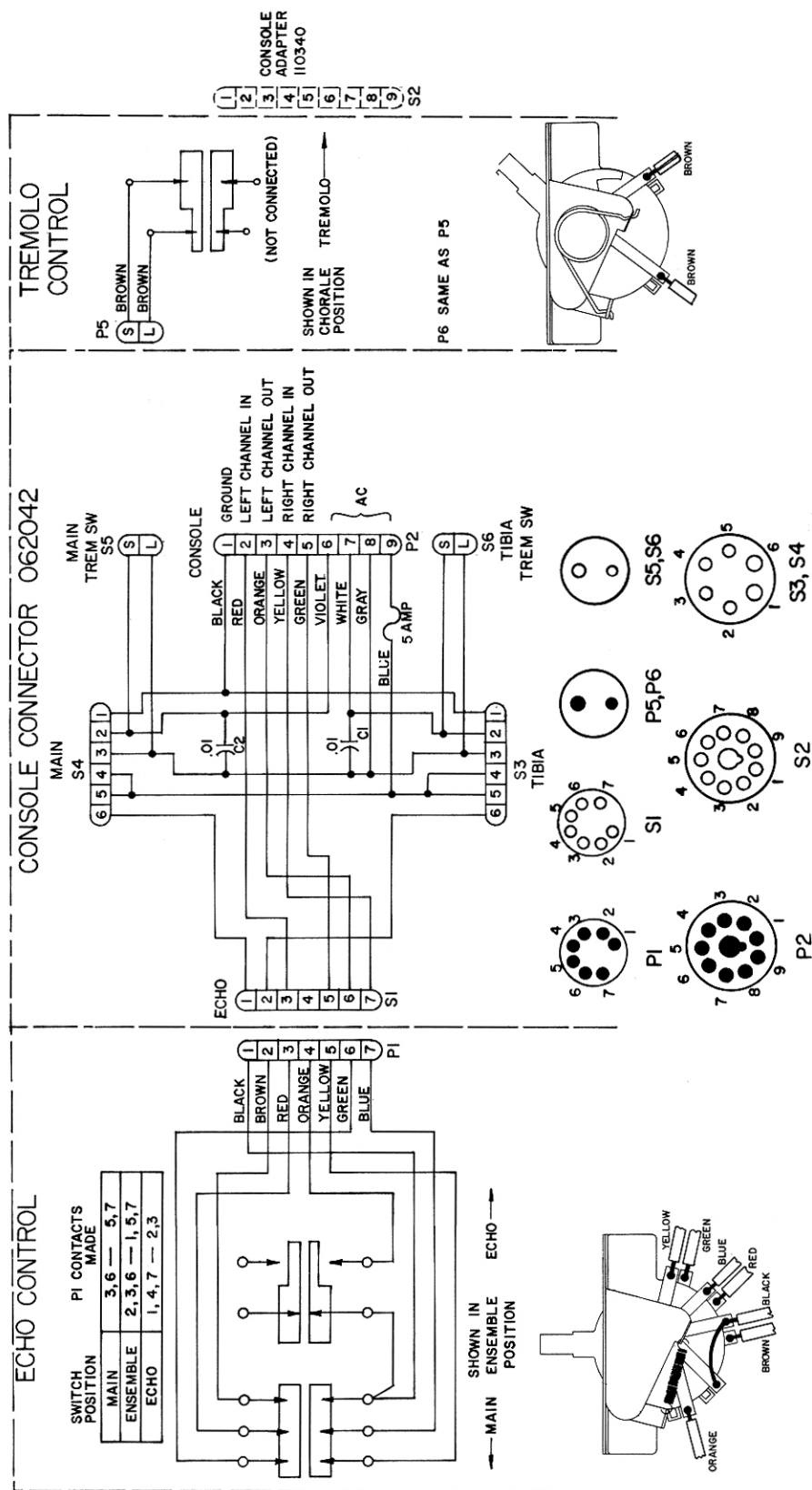


Figure 3. Console Connector and Controls

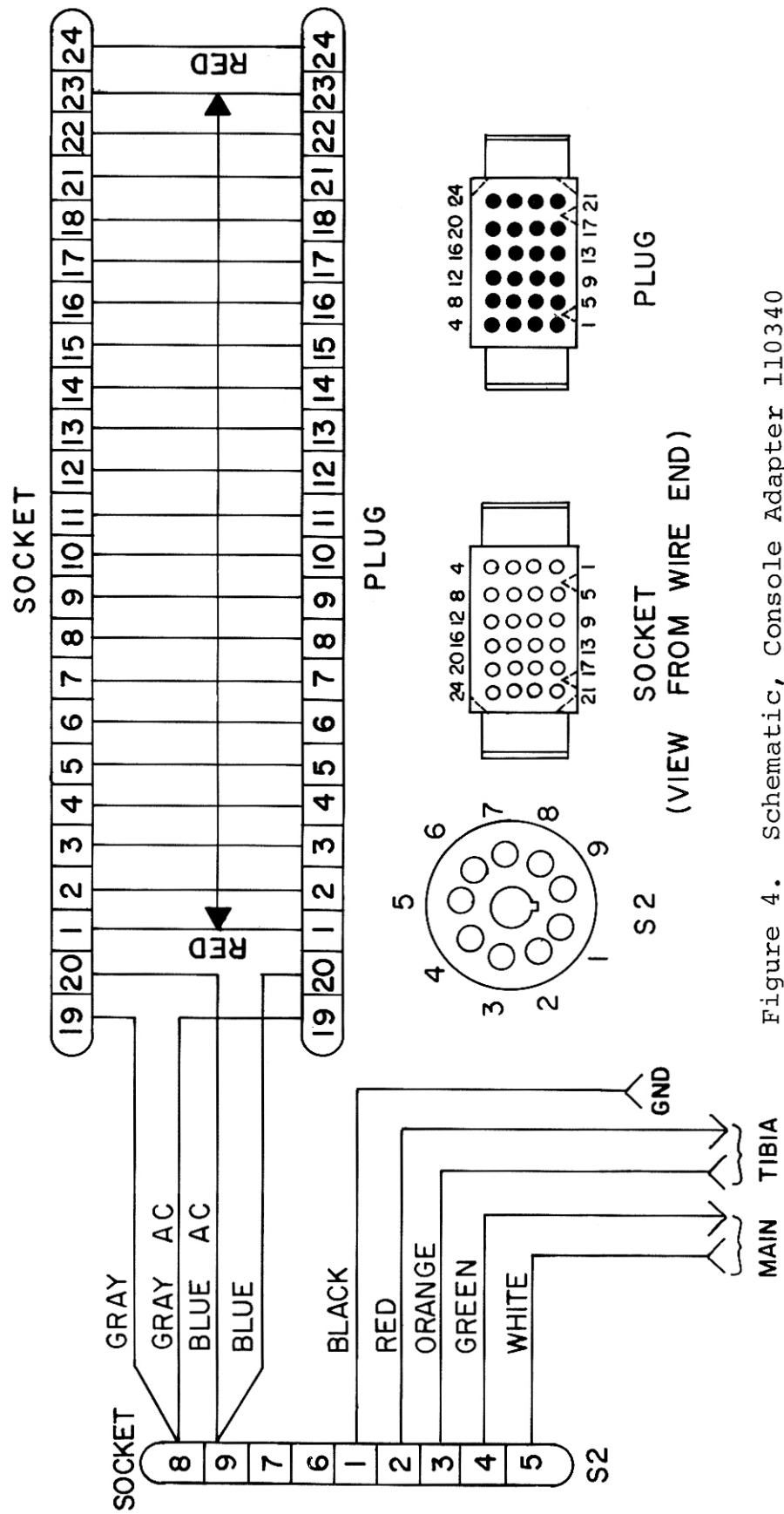


Figure 4. Schematic, Console Adapter 110340