

CONSOLE CONNECTOR KIT 7682 INSTALLATION INSTRUCTIONS
FOR USE WITH: Thomas Organ Models 252 or 253
 LESLIE Speaker Models 125, 225, 145, 147, 247, 247RV

KIT CONTENTS

Console Connector Assembly	038570	Tremolo Control
Console Adapter Assembly	110340	brown 039354
Cable Assembly, 6-conductor,		ebony 039362
30-foot	017277	ivory 039370
Screw, wood, 6 x 1/2 (4)	029124	
Screw, sheet metal,		Echo Control
8 x 1/2 (2)	029132	brown 047829
Staple, insulated (8)	028464	ebony 047837
Instructions	110380	ivory 047845

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 into the TREM SW socket of the console connector.
15. Plug the echo switch into the ECHO SW socket.
16. Plug the cable from the LESLIE speaker into the LESLIE SPKR socket. The cable 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 cable 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.

PARTS LIST

CONSOLE CONNECTOR ASSEMBLY

Socket, 2-contact	029298	Fuse, 5-amp	029280
Socket, 7-contact	029306	Capacitor	060467
Socket, 6-contact	060459	Resistor, 16-ohm, 10-watt	029363
Plug, 9-pin	021170	Resistor, 68-ohm, 1/2-watt, 10%	038661
Screw, sheet metal, 12 x 3/8, Phillips head	029314	Fuseholder	055178

ECHO CONTROL

Echo Switch Case

brown	106210
ebony	106220
ivory	106230

Switch Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch Retainer (2)

048116

Switch, Cable and

Plug Assembly	029049
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Block, switch mounting

024455

Bracket, extension

024448

Cork, adhesive,

11/16 x 3	029157
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Label (MAIN/ENSEMBLE/ ECHO)

103670

TREMOLO CONTROL

Tremolo Switch Case

brown	106210
ebony	106220
ivory	106230

Switch Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch Retainer (2)

048744

Switch, Cable and

Plug Assembly	061994
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Block, switch mounting

024455

Bracket, extension

024448

Cork, adhesive,

11/16 x 3	029157
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Label (CHORALE/TREMOLO)

103640

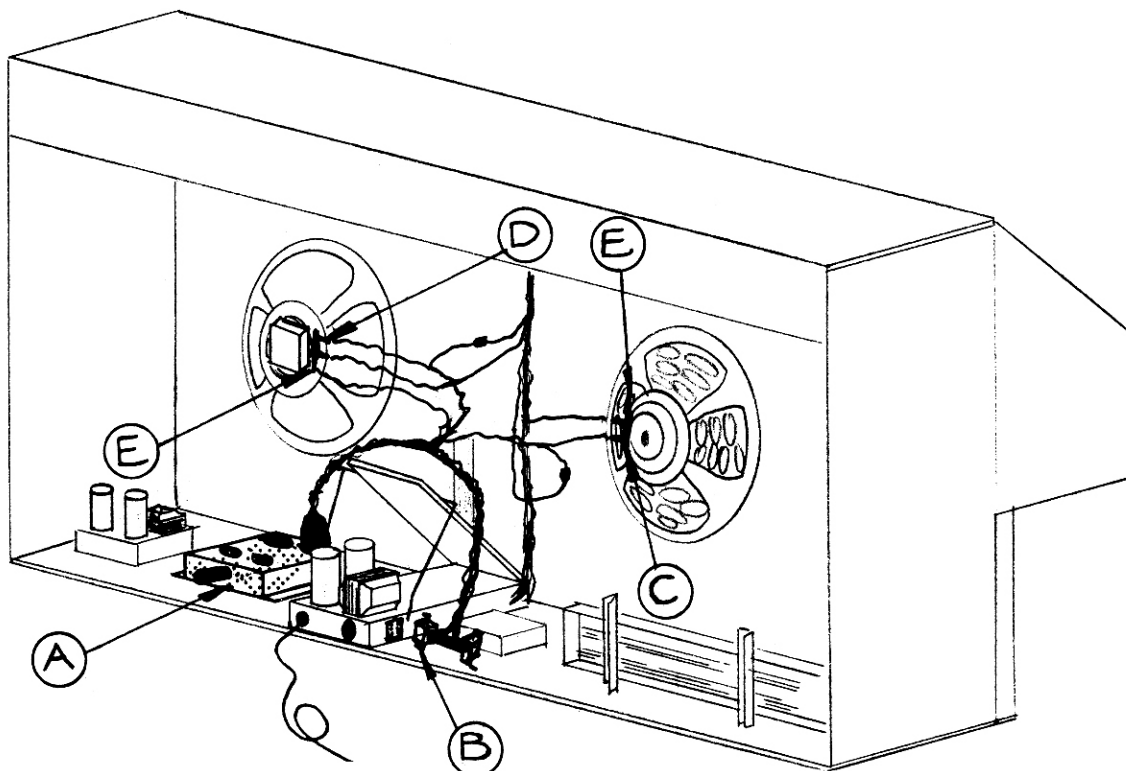


Figure 1. Organ Interior, Showing Connection Points

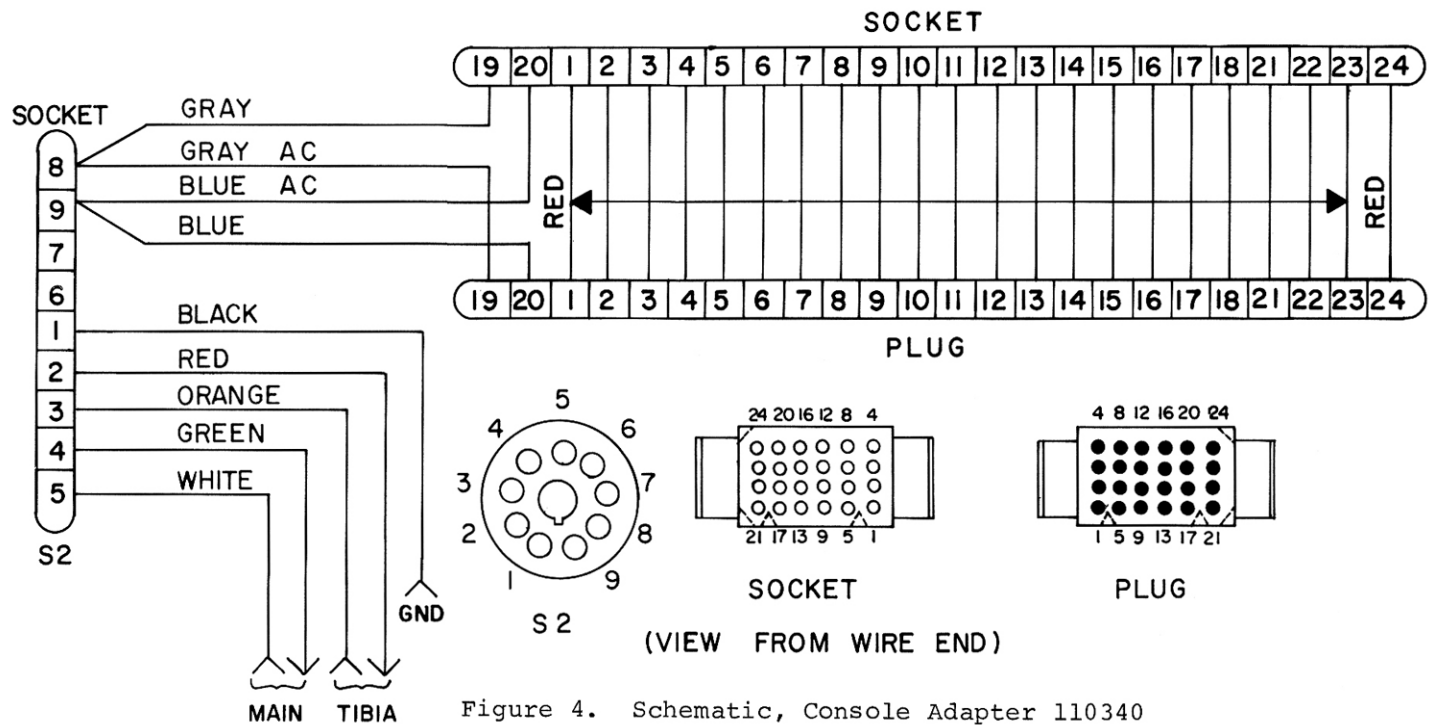


Figure 4. Schematic, Console Adapter 110340