

LESLIE CONSOLE CONNECTOR KIT 7675 INSTALLATION INSTRUCTIONS
FOR USE WITH: LESLIE Speaker Model 700
WURLITZER Organ Models 4030, 4035, 4037

MULTIPLE SPEAKER INSTALLATIONS: For complete information, consult the owner's manual of the LESLIE speaker to be added.

1	066928	Console Connector	Echo Controls (2 provided)
1	021600	9 Conductor Cable	068429 Brown
1	066910	Installation Instruction	066845 Ebony
1	053025	Oiler	066852 Ivory
3	066498	Switch Mounting Blocks	
6	032086	Screws, Wood, #6 x 3/4, Blk Oxide	Tremolo Control
3	029132	Screws, #8 x 1/2"	066860 Brown
16	028464	Staples, Insulated	066878 Ebony
1	029611	3-Way Plug, 117V	066886 Ivory

USING THIS KIT WITH WURLITZER MODEL 4037:

When properly installed, this kit channels main and tibia signal to the Model 700 speaker. Signal from the uppermost keyboard will not sound through the Model 700. If you desire to channel this keyboard through a LESLIE speaker, a Model 900 speaker with console connector kit 9037 may be added. Another possible combination would be the Model 825 speaker with console connector kit 9537. There is sufficient space to mount two console connector chassis within the tone generator compartment of the Wurlitzer Model 4037.

TO INSTALL:

1. Open the hinged back supporting the tone generator. Remove the top panel to expose the amplifier section of the organ.
2. Mount console connector on the shelf within the tone generator compartment. Use the two cadmium plated screws supplied in the hardware kit.
3. Mount the echo and tremolo controls to wooden rail in front of the lower manual. Use the wooden mounting blocks from the hardware kit as spacers. First insert two black oxide screws through the switch case; then the mounting block. Fasten switch case and block beneath the lower manual.
4. Route tremolo and echo control cables under lower manual, through keyboard shelf, and into the tone generator compartment. If no opening is provided, drill a 7/8" hole in the keyboard shelf just beneath lower manual.
5. Insert echo and tremolo control plugs into matching console connector sockets. (See "A" on Fig. 1.) Echo plugs are interchangeable and may be inserted into either five contact socket.
6. Run the console connector SWELL interceptor through the access hole in the Main/Tibia amplifier shelf. (See "B" on Fig. 1.)
7. Detach the Molex SWELL plug from the SWELL socket on the Main/Tibia amplifier. (See "C" on Fig. 1.) NOTE: Wurlitzer 4037 Installations Only: Amplifier to be intercepted is mounted beneath the Synthesizer (3rd Manual) amp. Synthesizer amp can be removed by detaching the 5/16" mounting screws at either end of the amplifier support frame. This bracketed frame may then be swung upward to gain access to the Main/Tibia amp. Replace Synthesizer amp after completing step 12.

8. Insert the plug end of the console connector interceptor into the vacated SWELL socket. (See "C" on Fig. 1.) CAUTION: Be very careful to align the pins with the proper contacts. There should be one row of vacant contacts on either side of the console connector interceptor plug. If you encounter difficulty, see the pin and contact numbers of P5 and S5 on the kit schematic. They correspond to the similarly numbered SWELL plug and socket on the Wurlitzer power amplifier schematic.
9. Insert the Wurlitzer SWELL plug into the socket end of the console connector interceptor. (See "D" on Fig. 1.)
10. Pass the console connector AC plug through the access hole in the Wurlitzer amplifier shelf. (See "B" on Fig. 1.)
11. Disconnect the tape recorder power plug from its Main/Tibia amplifier socket. Insert it into the 3-way plug provided. (See "E" on Fig. 1.)
12. Insert the console connector AC plug into one of the vacant sockets on the 3-way plug. (See "F" on Fig. 1.) Insert 3-way plug into the AC socket on the Main/Tibia amplifier.
13. Connect the 9 conductor cable supplied to the LESLIE SPEAKER socket on the console connector. (See "G" on Fig. 1.)
14. Connect other end of cable to the 9 pin plug at rear of the Model 700 speaker. Close Wurlitzer back. Installation is complete.

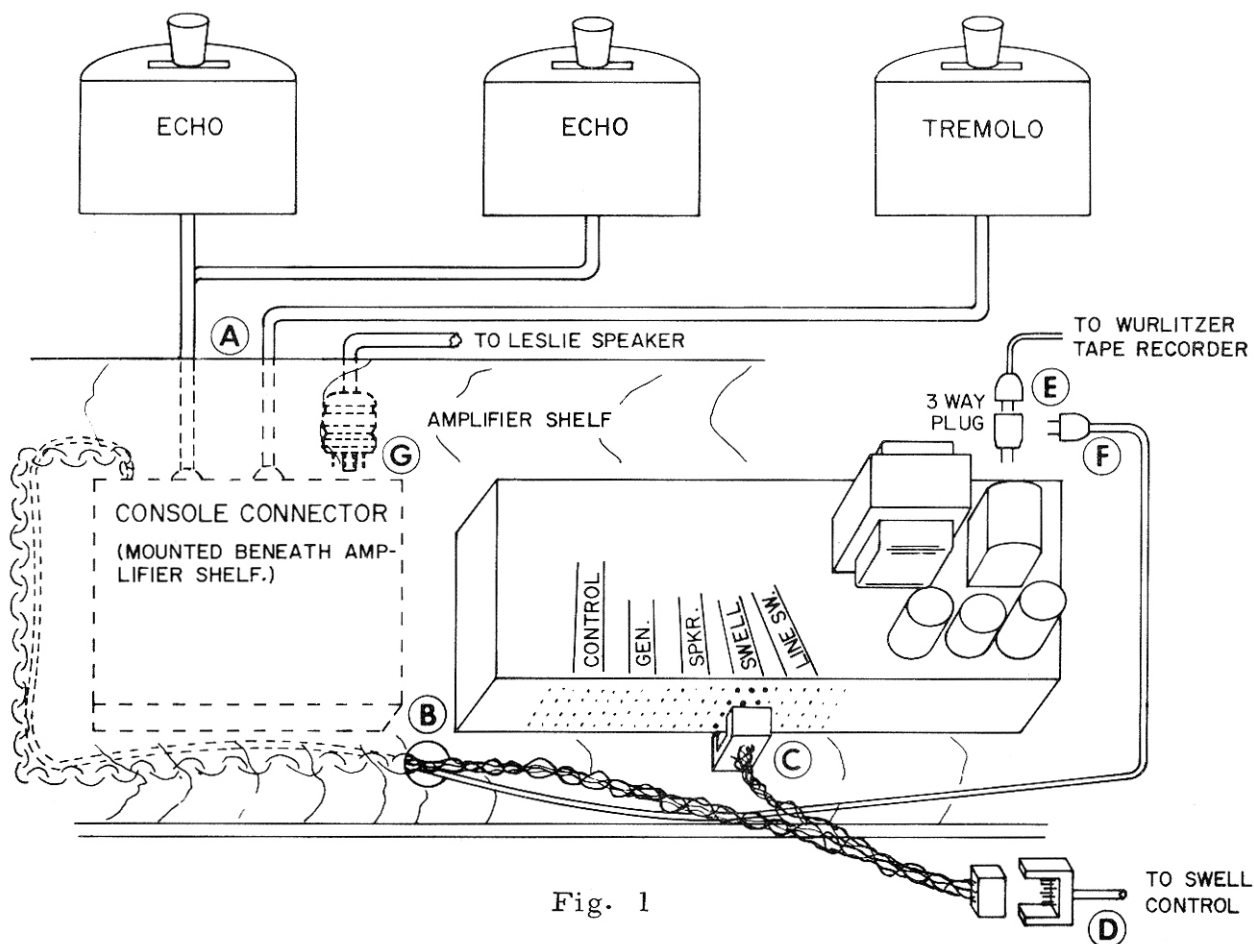
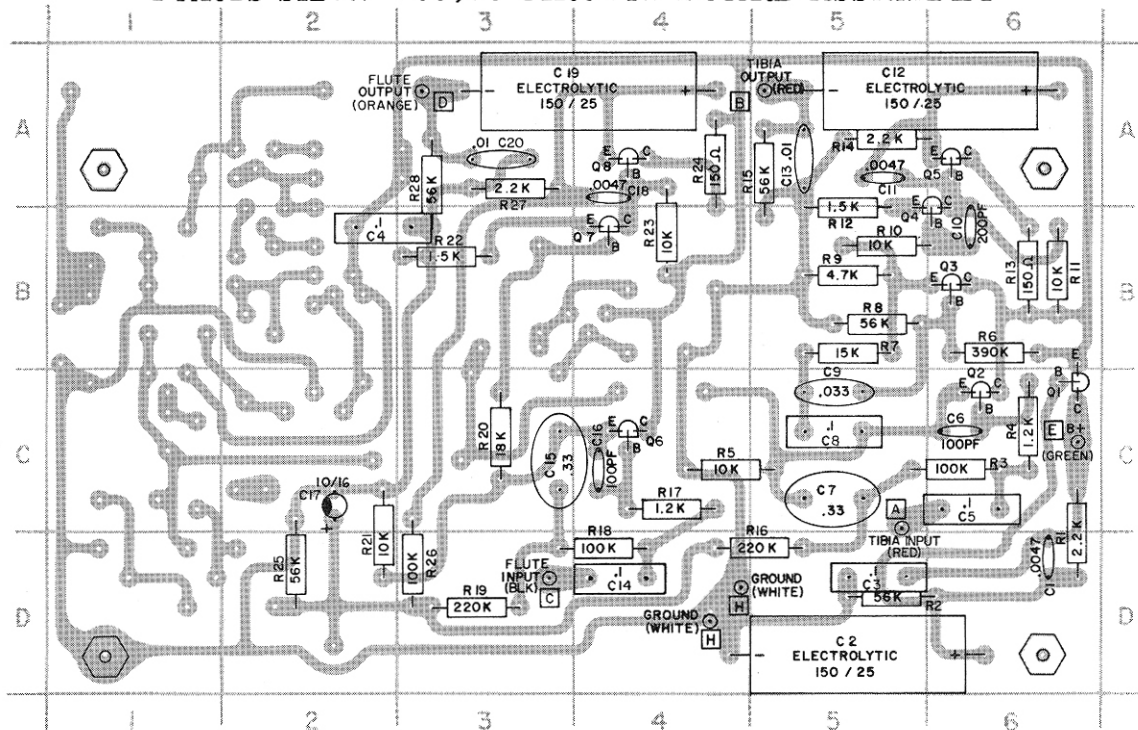


Fig. 1

PARTS SIDE: 066936 CIRCUIT BOARD ASSEMBLY

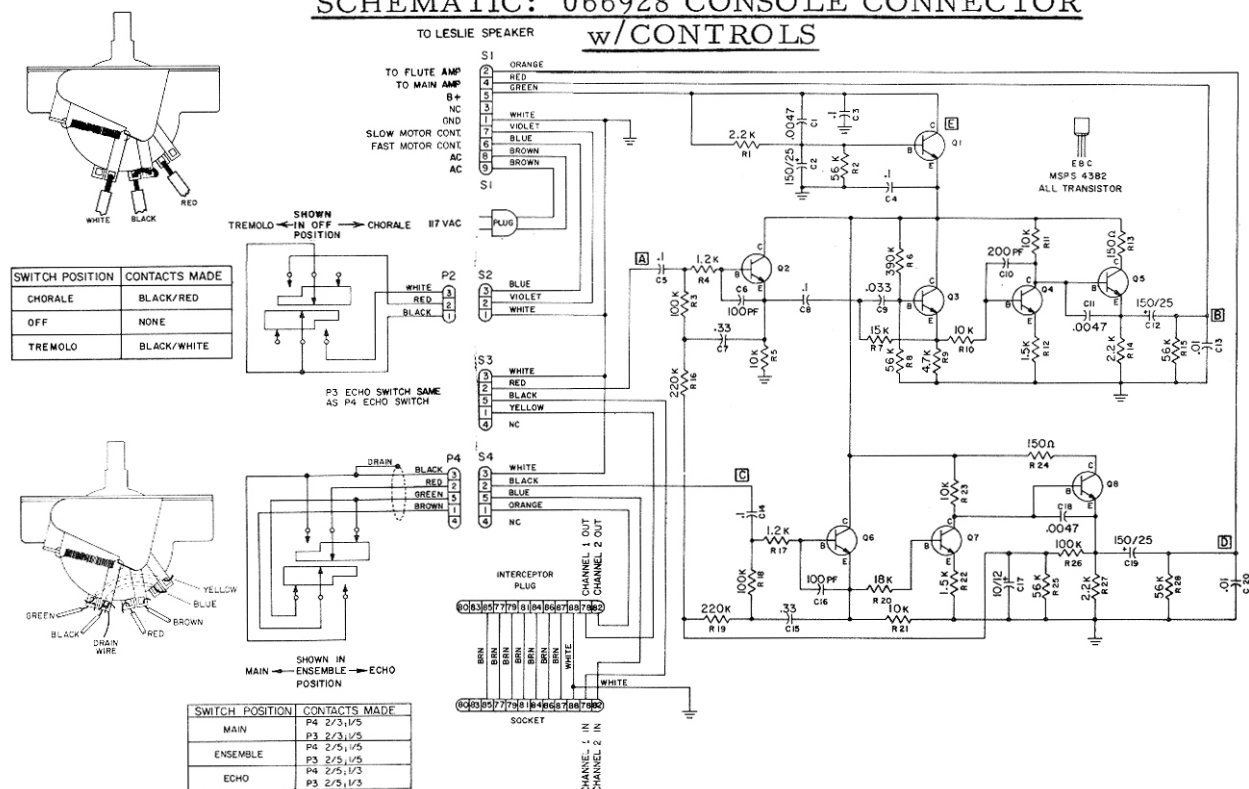


PARTS LIST: 066936 CIRCUIT BOARD ASSEMBLY

PART	LOCATION	DESCRIPTION	PART NO.	PART	LOCATION	VALUE	PART NO.
Q1	C-6	Transistor, MSPS 4382	026237	R1	D-6	2.2K	028571
Q2	C-6	Transistor, MSPS 4382	026237	R2	D-5	56K	024133
Q3	B-6	Transistor, MSPS 4382	026237	R3	C-6	100K	028498
Q4	B-5	Transistor, MSFS 4382	026237	R4	C-6	1.2K	018036
Q5	A-6	Transistor, MSPS 4382	026237	R5	C-4	10K	028548
Q6	C-4	Transistor, MSPS 4382	026237	R6	B-6	390K	018010
Q7	B-4	Transistor, MSFS 4382	026237	R7	B-5	15K	048157
Q8	A-4	Transistor, MSFS 4382	026237	R8	B-5	56K	024133
C1	D-6	disk, .0047MFD, 100V	028431	R9	B-5	4.7K	028555
C2	D-5	elect., 150MFD, 25V	031294	R10	B-5	10K	028548
C3	D-5	polyester. .1MFD, 250V	022251	R11	B-6	10K	028548
C4	B-2	polyester. .1MFD, 250V	022251	R12	B-5	1.5K	022277
C5	C-6	polyester. .1MFD. 250V	022251	R13	B-6	150	024158
C6	C-6	ceramic. 100PF. 1KV	028027	R14	A-5	2.2K	028571
C7	C-5	mylar, .33 MFD, 75V	028647	R15	A-5	56K	024133
C8	C-5	polyester, .1MFD, 250V	022251	R16	D-5	220K 5%	020222
C9	C-5	mylar, .033MFD, 100V	028654	R17	C-4	1.2K	018036
C10	B-6	disk, 200PF, 1KV	023622	R18	D-4	100K	028498
C11	A-5	disk, .0047MFD, 100V	028431	R19	D-3	220K 5%	020222
C12	A-5	elect., 150MFD, 25V	031294	R20	C-3	18K 5%	028472
C13	A-5	disk, .01MFD, 1KV	060467	R21	D-2	10K	028548
C14	D-4	polyester, .1MFD, 250V	022251	R22	B-3	1.5K	022277
C15	C-3	mylar, .33MFD, 75V	028647	R23	B-4	10K	028548
C16	C-4	ceramic, 100PF, 1KV	028027	R24	A-4	150	024158
C17	C-2	tantalum, 10MFD, 16V	041707	R25	D-2	56K	024133
C18	A-4	disk, .0047MFD, 100V	028431	R26	D-3	100K	028498
C19	A-4	elect., 150MFD, 25V	031294	R27	A-3	2.2K	028571
C20	A-3	disk. .01MFD. 1KV	060467	R28	A-3	56K	024133

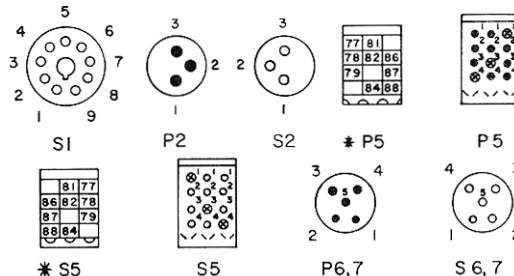
* All resistors 1/2 watt. 10% unless noted otherwise.

SCHEMATIC: 066928 CONSOLE CONNECTOR w/CONTROLS



PLUGS & SOCKETS: 7675 KIT

ALL PLUGS AND SOCKETS SHOWN FROM WIRE END.



* THESE PINS AND CONTACT NUMBERS CORRESPOND TO THOSE LISTED ON WURLITZER SCHEMATIC.

PARTS LIST: 066928 CONSOLE CONNECTOR

	066936	Circuit Board Assembly
S2	021220	3 Contact Socket
S6,7	029652	5 Contact Socket w/Mounting
S1	061513	9 Contact Socket w/Mounting
	028811	Grommet, Strain Relief, 9/16" x 3/8" x 1/8"

066365 Interceptor Assembly

P5	065607	Black Molex Plug Housing, 12 Ckt.
P5	065599	Miniature Male Molex Contacts (9 req'd)
S5	065615	Black Molex Socket Housing 12 Ckt.
S5	065581	Miniature Female Molex Contact (9 req'd)

PARTS LIST: TREMOLO CONTROL PARTS LIST: ECHO CONTROL

Tremolo Switch Case:

046978 Brown

046987 Ebony

046995 Ivory

Switch Case Cover

048702 Brown

048710 Ebony

048728 Ivory

Switch Knob

048066 Brown

048074 Ebony

Switch Retainer (2 req'd) 048116

Switch Only 010249

P2 Plug, 3 Pin 021584

Echo Switch Case:

029454 Brown

029462 Ebony

029470 Ivory

Switch Case Cover

048702 Brown

048710 Ebony

048728 Ivory

Switch Knob

048066 Brown

048074 Ebony

Switch Retainer (2 req'd) 048116

Switch Only 010249

P6,7 Plug, 5 Pin Eby 021238

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.