

CONSOLE CONNECTOR KIT 7280 INSTALLATION INSTRUCTIONS
FOR USE WITH: GULBRANSEN Organ Models 2101, 2102, 2104, Pacemaker Series,
Paragon, President, Theatrum (LESLIE and PEDAL channels only)
LESLIE Speaker Models 125, 225, 145, 147, 147RV, 245

KIT CONTENT

Console Connector Assembly	038570	Echo Control	
Hardware Package	131660	brown	052035
Screw, wood, 6 x 1/2,		ebony	052043
Phillips head (4)	029124	ivory	052050
Screw, sheet metal, 8 x 1/2,		Tremolo Control	
Phillips head (2)	029132	brown	012625
Staple, insulated (8)	028464	ebony	012633
Cable Assembly, 6-conductor,		ivory	012641
30-foot	017277	Oiler	053025
Console Adapter	137187		

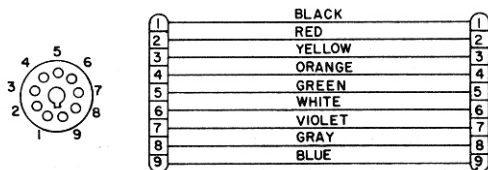
CAUTION: Due to the presence of electrical potential and the danger of moving mechanical parts, installation procedures or adjustments requiring work inside the LESLIE speaker cabinet or the organ console should be performed only by a service man authorized by the dealer or factory to perform such work.

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING.

1. Remove the organ back and lift the top.
2. Mount the echo and tremolo control switches on the wooden rail in front of the lower keyboard. Wood screws are provided.
3. Route the control cables under the keyboard, through the keyboard shelf and into the power supply section. If no opening is provided, drill a 1-inch-diameter hole just under the lower manual. (Use care not to damage internal components.)
4. Mount the console connector inside the organ, near the power supply.
5. Connect the echo and tremolo control plugs to their respective sockets on the console connector. (A, figure 1)
6. Connect the console adapter to the CONSOLE socket on the console connector.
7. Locate the switched AC socket on the power supply. Insert the three-way plug provided in the kit, and connect both the organ AC and the console connector AC to the three-way plug. (B)

8. Connect the black wire from the console connector to the GND terminal on the power supply. (C)
9. Locate the 15-inch main speaker; disconnect the colored wire from the signal terminal. Connect the green wire from the console connector to the colored wire detached from the speaker.*
10. Connect the white wire from the console connector to the signal terminal of the main speaker.
11. Locate a 2-lug terminal strip on the back of the tremolo unit. Disconnect the red wire from this terminal strip. (The wire comes from the amplifier.)
12. Connect the red wire from the console connector to the red wire just disconnected.*
13. Connect the orange wire from the console connector to the terminal strip contact vacated when the red wire was removed.
14. Connect the speaker cable between the LESLIE speaker and the socket labeled TO LESLIE SPEAKER on the console connector.
15. Adjust the LESLIE speaker volume according to the label on the speaker or as instructed in the service manual. *Use plastic sleeving to cover the connection.



Schematic, Cable Assembly 021600
(Plug and Socket Shown from Wire End)

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

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: 038570 CONSOLE CONNECTOR ASSEMBLY

Socket, 2-contact (S5)	029298
Socket, 7-contact (S4)	029306
Socket, 6-contact (S6)	060459
Plug, 9-contact (P3)	021170
Fuseholder	055178
Fuse, 5-amp, 250V	029280
Capacitor, .01 mfd, 1KV	060467
Resistor, 16-ohm, 10W	029363
Resistor, 68-ohm, 1/2W, 10%	038661

PARTS LIST: 137187 CONSOLE ADAPTER

Socket, 9-contact (S3)	028837
Connector, tab, female	029389
Connector, tab, male	029371

PARTS LIST: ECHO CONTROL

Switch Case		Switch, Cable, & Plug	
brown	103750	Assembly	029249
ebony	103760		
ivory	103770	Switch Retainer (2)	048116
Case Cover			
brown	048702	Screw, thread-cutting,	
ebony	048710	6 x 3/8 (2)	029140
ivory	048728		
Switch Knob		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: TREMOLO CONTROL

Switch Case		Switch, Cable, & Plug	
brown	103750	Assembly	061994
ebony	103760		
ivory	103770	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting,	
ebony	048710	6 x 3/8 (2)	029140
ivory	048728		
Switch Knob		Label, CHORALE/TREMOLO	103640
brown	048066		
ebony	048074	Cork, adhesive	029517

MULTIPLE SPEAKER INSTALLATION

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

Schematics, next page

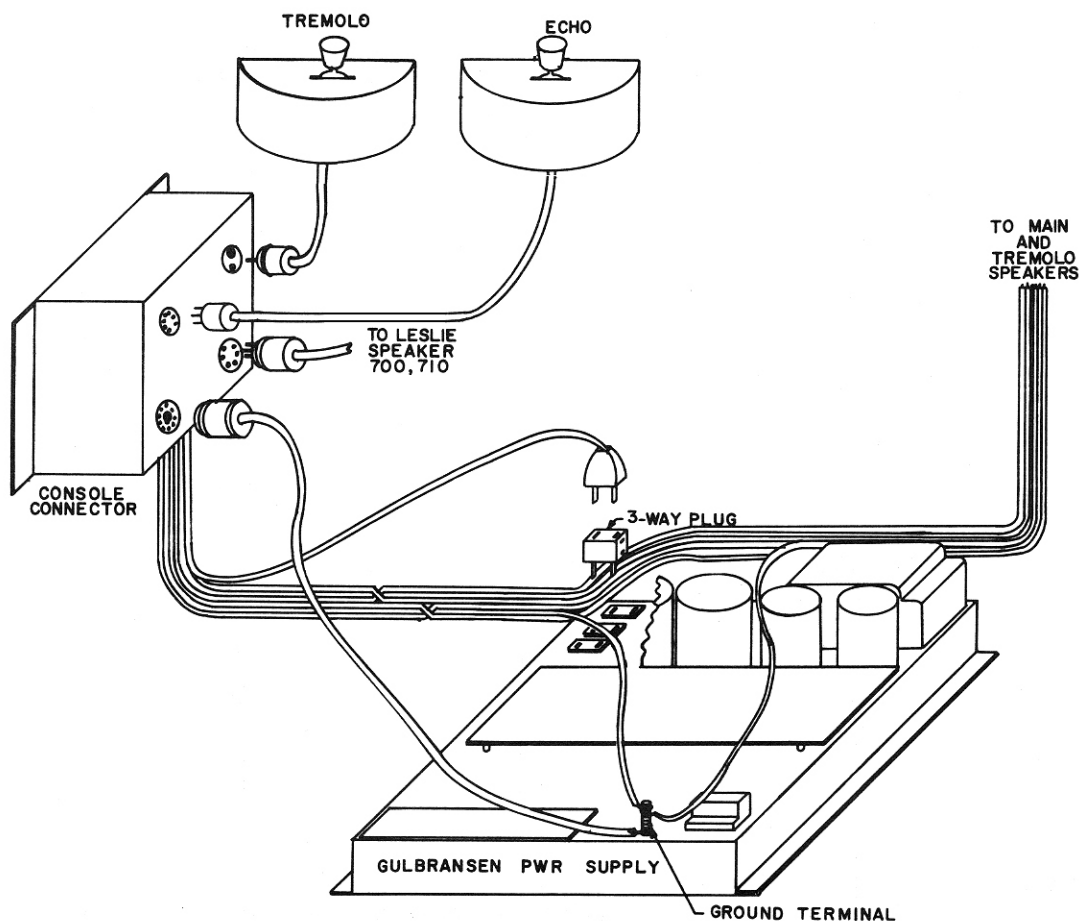


Figure 1. Interconnections

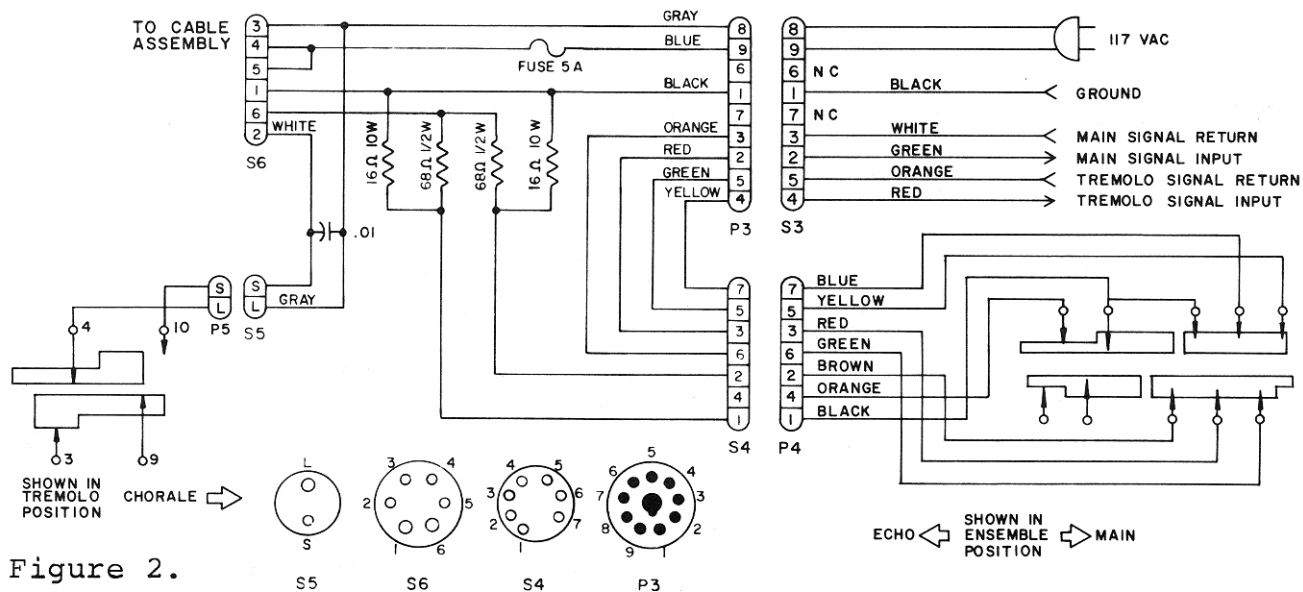


Figure 2.
Schematic, Console Connector, Console Adapter, and Controls
(Plugs and Sockets Shown from Wire End)