

CONSOLE CONNECTOR KIT 7689 INSTALLATION INSTRUCTIONS
FOR USE WITH: BALDWIN Organ Models:
48HR, 54, 56R, 57R, 58R, 71, 81, C115, CT2, HT2, HT2R, HT2RM
LESLIE Speaker Model 610

NOTE: Due to the nature of the switching circuits, the pedal notes will sound through the LESLIE speaker regardless of the position of the ECHO switch (except in OFF). Main and tibia signals are controlled by the switch.

KIT CONTENT

Console Connector Assembly	062109	Tremolo Control (tremolo/chorale)
Hardware Package	029926	brown 019554
Cable Assembly, 9-conductor,		ebony 019562
30-foot	021600	ivory 019570
Oiler	053025	
Echo Control		Tremolo Control (on/off)
brown	019588	brown 042721
ebony	019596	ebony 042739
ivory	019604	ivory 042747

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 and tremolo control switches beneath the keybed, in a position convenient for the organist. Wood screws are provided.
2. Route the control cables through the keyboard shelf and into the interior of the organ. If no opening is available, drill a 1-inch diameter hole in the shelf, being careful to select a location where no internal components will be damaged.
3. Mount the console connector in a location where all the connections will reach their intended locations.
4. Plug the echo control cable into the ECHO SW socket and the tremolo control cables into the TIBIA and TREM SW MAIN sockets on the console connector.
5. Connect the black wire from the console connector to the main speaker ground terminal. (A, interconnection figure)
6. Disconnect the wire from the signal terminal of the main speaker. Connect it to the green wire from the console connector.* (B)

7. Connect the white wire from the console connector to the signal terminal of the main speaker. (F)
8. Connect the purple wire from the console connector to the signal input of the pedal speaker. (C)
9. Disconnect the wire from the signal terminal of the tibia speaker. Connect it to the red wire from the console connector.* (G)
10. Connect the orange wire from the console connector to the signal terminal of the tibia speaker. (D)
11. Connect the plug from the console connector (6-contact, with two wires) to the AC socket on the organ power supply. (E)
12. Plug the cable which comes in the kit into the LESLIE SPKR socket on the console connector. Connect the other end of the cable into the LESLIE speaker being used.
13. Adjust the volume of the LESLIE speaker if required. *Cover the connection with plastic sleeving.

PARTS LIST: 021600 CABLE ASSEMBLY

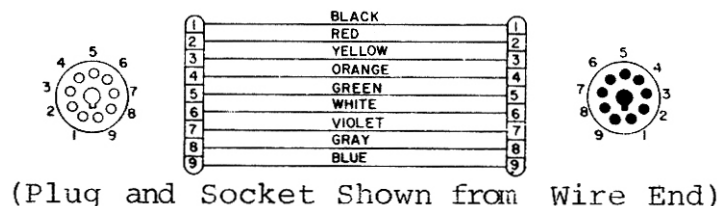
Plug Assembly, 9-pin	061879
Socket, 9-contact	028837
Cap Body, right	130000
Cap Body, left	130010
Screw, sheet metal, 4 x 1/2, hex washer head	136360

MULTIPLE SPEAKER INSTALLATION

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

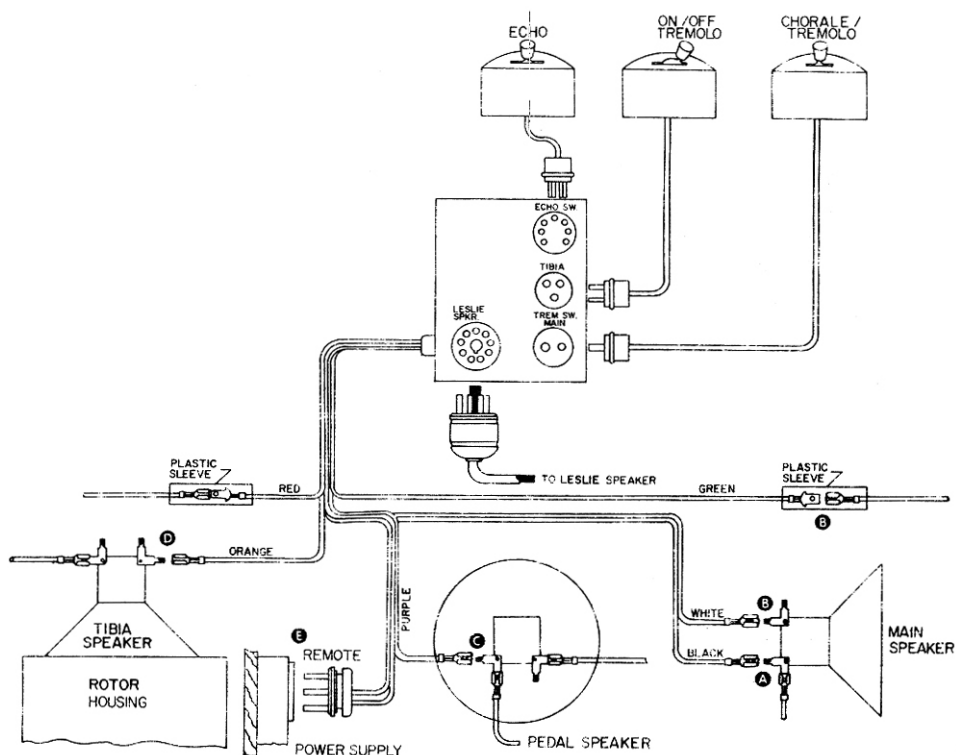
Ordering Parts

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: 062109 CONSOLE CONNECTOR ASSEMBLY

Cable and Plug Assembly	040709
Plug, 6-pin (P3)	061721
Socket, 7-contact (S1)	025205
Socket, 9-contact (S2)	061713
Socket, 2-contact (S5)	029298
Housing, socket, 3-circuit, natural (white) (S4)	042077
Fuse Holder	055178
Fuse, 5-amp, 250V	029280
Connector, tab, female	029389
Connector, tab, male	029371
Contact, insert, female	023556
Resistor, 16-ohm, 10W, 10%	029363



PARTS LIST: ECHO CONTROL

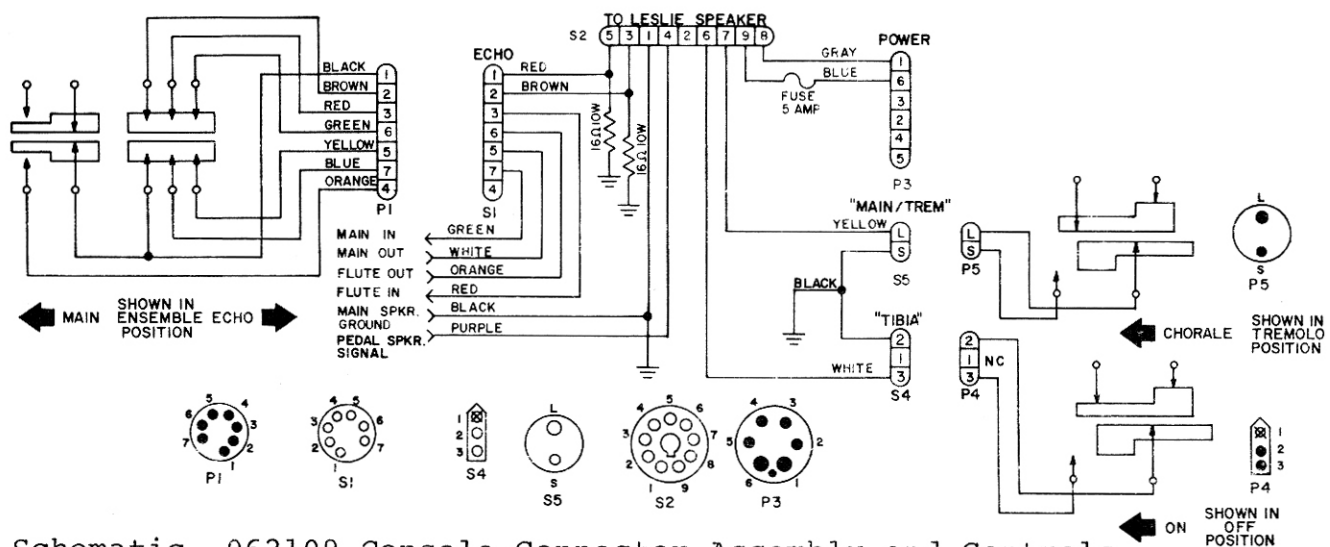
Switch Case		Switch, Cable, & Plug Assembly	029249
brown	103810		
ebony	103820		
ivory	103830	Switch Retainer (2)	048116
Case Cover			
brown	048702	Screw, thread-cutting, 6-32 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: TREMOLO CONTROL (tremolo/chorale)

Switch Case		Switch, Cable, & Plug Assembly	
brown	103810		061994
ebony	103820		
ivory	103830	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting, 6-32 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, TREMOLO/CHORALE	103640
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: TREMOLO CONTROL (on/off)

Switch Case		Switch, Cable, & Plug Assembly	
brown	103810		064527
ebony	103820		
ivory	103830	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting, 6 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, OFF/TREMOLO/ON	103690
brown	048066		
ebony	048074	Cork, adhesive	029517



Schematic, 062109 Console Connector Assembly and Controls
(Plugs and Sockets Shown from Wire End)