

CONSOLE CONNECTOR KIT 7651 INSTALLATION INSTRUCTIONS
FOR USE WITH: BALDWIN Organ Models 210, CT100, CT200, 212D
LESLIE Speaker Models 700, 710

When this kit is installed the echo control will enable the organist to select whether the LESLIE speaker will sound alone, the organ speakers alone, or all will sound together.

The organ tremolo tabs will control the tremolo speed of the LESLIE speaker's rotor. The ON/OFF tab must be switched to ON before the FAST/SLOW tremolo tab can be operated.

KIT CONTENT

Console Connector Assembly	101960	Echo Control	
Hardware Package	045989	brown	101480
Screw, wood, 6 x 1/2,		ebony	101490
Phillips Head (4)	029124	ivory	101500
Screw, sheet metal, 8 x 1/2,		Cable Assembly,	
Phillips Head (2)	029132	9-conductor, 30-foot	021600
Staple, insulated (8)	028464	Oiler	053025

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 on only by a service man authorized by the dealer or factory to perform such work.

INSTALLATION

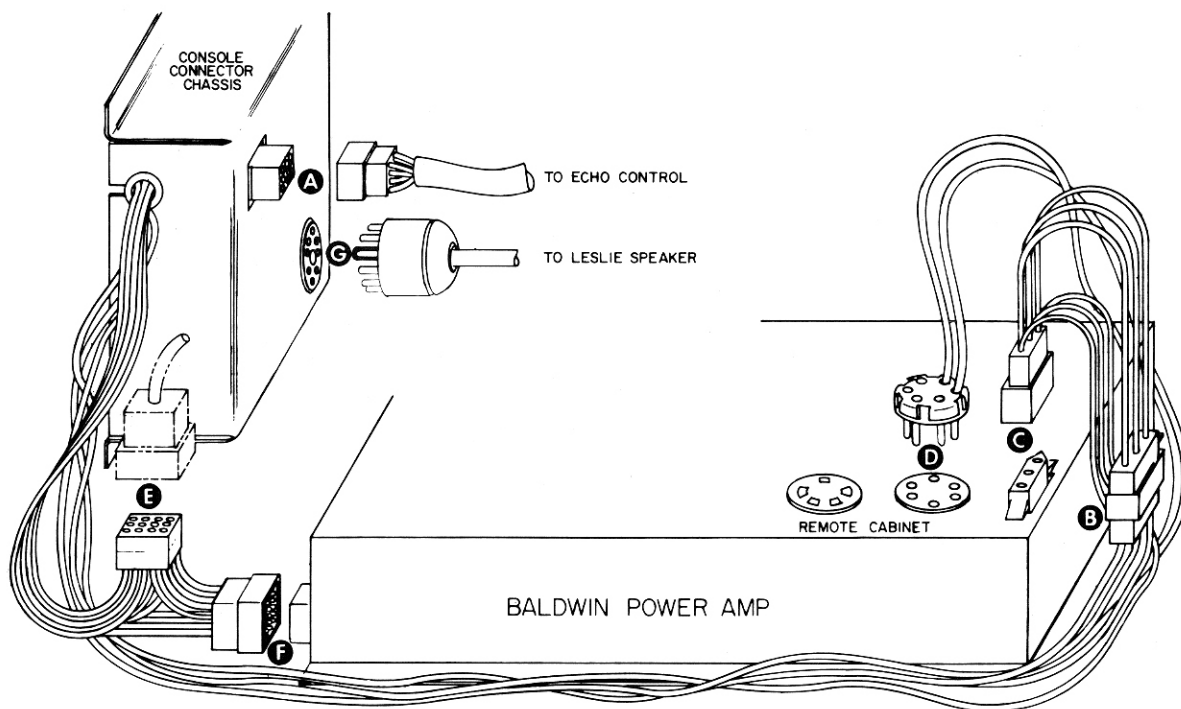
CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

1. Mount the echo control switch under the keyboard shelf, in a position convenient for the organist. Wood screws are provided.
2. Route the control cable through the keyboard shelf and to the amplifier section of the organ. If no opening is provided, 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 within reach of the control cable, and in such a position that the cable and the interceptors from the console connector can reach the organ's amplifier.
4. Connect the echo control plug to the ECHO SW socket on the console connector. (A, installation drawing)
5. Detach the 3-circuit plug from the upper right side of the organ's power amplifier. Connect it to the matching white Molex socket of the console connector interceptor assembly. (B)

6. Connect the plug of the interceptor assembly to the socket on the amplifier. (C)
7. Connect the 6-pin plug (with two wires) from the console connector assembly to the 6-contact socket on the amplifier. (D)
8. Detach the twelve-circuit Molex plug from the left side of the amplifier. Connect it to the 12-circuit interceptor socket from the console connector. (E)
9. Connect the interceptor plug to the socket. (F)
10. Connect the cable assembly between the LESLIE SPEAKER socket on the console connector and the LESLIE speaker being used. (G) If necessary, adjust the speaker volume.

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: 101960 CONSOLE CONNECTOR ASSEMBLY

Circuit Board Assembly	063818
Interceptor Assembly, Molex, miniature, 12-circuit	101380
Interceptor Assembly, Molex, miniature, 3-circuit	101360
Cable and Plug Assembly	057406
Plug Assembly Without Plate, 6-pin (P5)	061721
Can Assembly, lamp housing	063826
Resistor, wire wound, 32-ohm, 10W, 10% (R1, R2, R3)	029769
Resistor, 8.2-ohm, 1W, 10% (R4, R5)	010124
Socket With Plate, 9-contact (S6)	061713
Bushing, strain relief	034769
Bushing, .196 x .312 x .625	055079

PARTS LIST: 101360 INTERCEPTOR ASSEMBLY

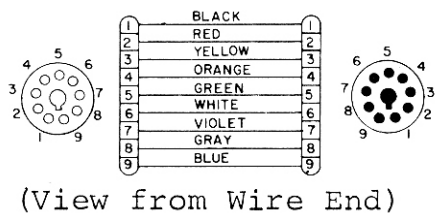
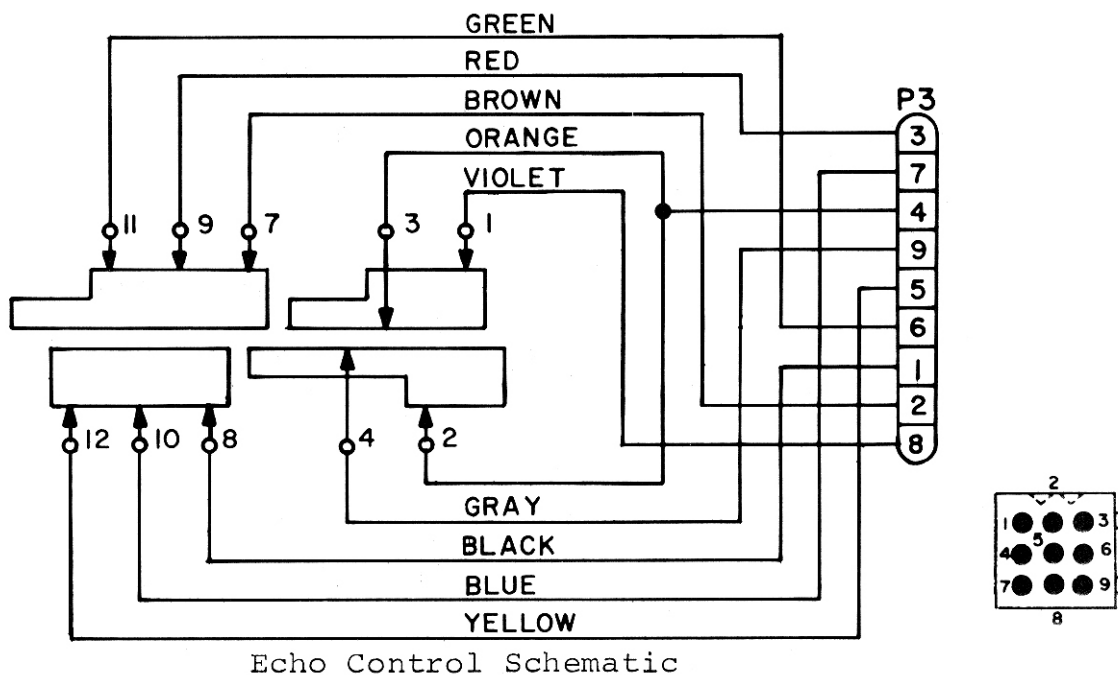
Housing, socket, miniature Molex, 3-circuit, natural (white) (S4)	101260
Contact, insert, miniature Molex, female	065581
Housing, plug, miniature Molex, 3-circuit, natural (white) (P7)	101270
Contact, insert, miniature Molex, male	065599

PARTS LIST: 101380 INTERCEPTOR ASSEMBLY

Housing, socket, miniature Molex, 12-circuit, natural (white) (S2)	101300
Housing, socket, miniature Molex, 9-circuit, natural (white) (S3)	101280
Contact, insert, miniature Molex, female	065581
Housing, plug, miniature Molex, 12-circuit, natural (white) (P1)	101310
Contact, insert, miniature Molex, male	065599

PARTS LIST: ECHO CONTROL

Switch Case		Switch, Cable, & Plug Assembly	101460
brown	103750		
ebony	103760		
ivory	103770	Switch Retainer (2)	048116
Case Cover			
brown	048702	Screw, thread-cutting, 6 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

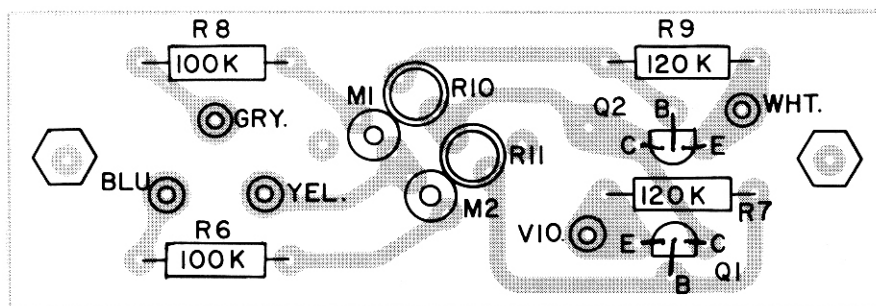


PARTS LIST: 021600 CABLE ASSY

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

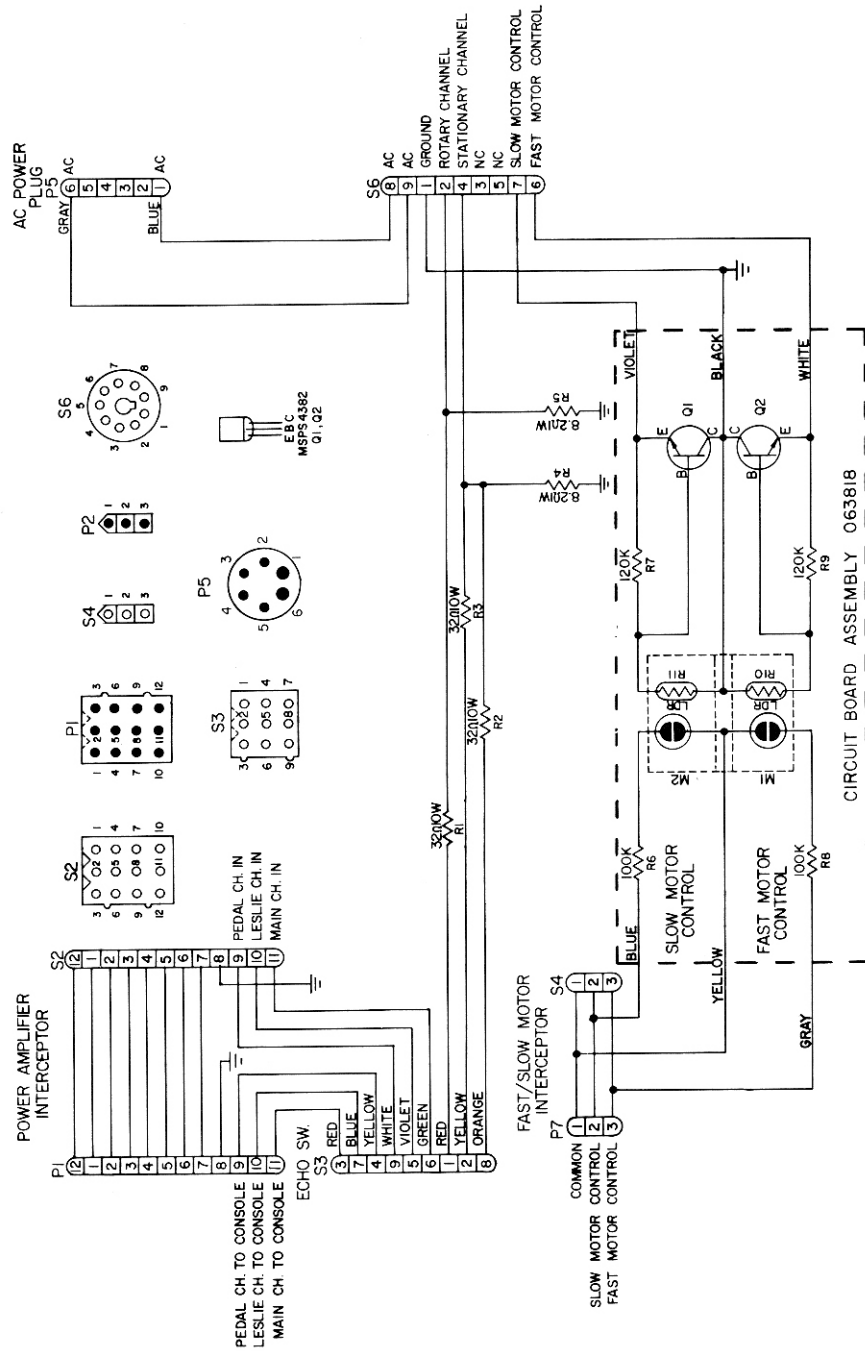
PARTS LIST: 063818 CIRCUIT BOARD ASSEMBLY

Lamp, Neon, miniature	063958
Resistor, 100K, 1/2W, 10% (R6, R8)	028498
Resistor, 120K, 1/2W, 10% (R7, R9)	027078
Resistor, LDR, VT-904 (R10, R11)	117980
Transistor (order from factory) (Q1, Q2)	026237
Etched Circuit Board	059303



MULTIPLE SPEAKER INSTALLATION

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



Schematic, Console Connector Assembly 101960