

CONSOLE CONNECTOR KIT 7650 INSTALLATION INSTRUCTIONS

FOR USE WITH: BALDWIN Organ Models C115, CT2, HT2, HT2R, HT2RM, 48HR, 54, 56R, 57R, 58R, 71, 81
LESLIE Speaker Models 700, 710

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

KIT CONTENT

Console Connector Assembly	057349	Echo Control brown 019588
Cable Assembly, 9-conductor, 30-foot	021600	ebony 019596 ivory 019604
Hardware Package	038596	Tremolo Control brown 047019 ebony 047027
Oiler	053025	ivory 047035

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 on the wooden rail in front of the lower manual (left or right, as the organist prefers), using the wood screws provided.
2. Remove the back panel of the organ. Route the control cables under the lower manual, through the keyboard shelf, and into the amplifier section of the console. If no opening is provided, drill a 1-inch diameter hole in the keyboard shelf just under the lower manual.

NOTE: When drilling into the organ be sure to select a location where no internal components will be damaged.

3. Mount the console connector on the bottom shelf of the organ in a position where all cables and connectors can reach their connection points. Attach it with the two metal screws provided.
4. Plug the echo and tremolo control cables into the ECHO SW and TREM SW sockets, respectively, of the console connector. (H, J figure 1)

NOTE: Due to variations in manufacture, wire colors within the organ may differ from those indicated in this instruction. If so, use the function (signal terminal, for example) as your guide during installation.

5. Remove the back cover from the tibia speaker. Disconnect the heavy gauge white wire from the signal terminal on the tibia speaker. (A)
6. Connect the red wire from the console connector to the detached heavy gauge white wire. Slip plastic sleeving over the connection.
7. Connect the orange wire from the console connector to the signal terminal of the tibia speaker. (B)
8. Disconnect the heavy gauge white wire from the signal terminal of the main speaker. (C)
9. Connect the green wire from the console connector to this wire. Slip plastic sleeving over the connection.
10. Connect the white wire from the console connector to the signal terminal of the main speaker. (D)
11. Connect the black wire from the console connector to the vacant ground terminal on the main speaker. (E)
12. Connect the purple wire from the console connector to the vacant signal terminal on the pedal speaker. (F)
13. Insert the 6-pin plug from the console connector into the REMOTE CABINET socket on the organ amplifier. (G)
14. Using insulated staples (provided) fasten the red and orange wires in place. Make sure that the wires will not interfere with replacement of the tibia speaker back cover.
15. Connect the 9-conductor cable between the LESLIE SPKR. socket (K) on the console connector and the input socket of the LESLIE speaker.
16. Adjust the volume controls of the LESLIE speaker, as required.
17. Replace the tibia speaker back cover and the organ back. Installation is now complete.

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.

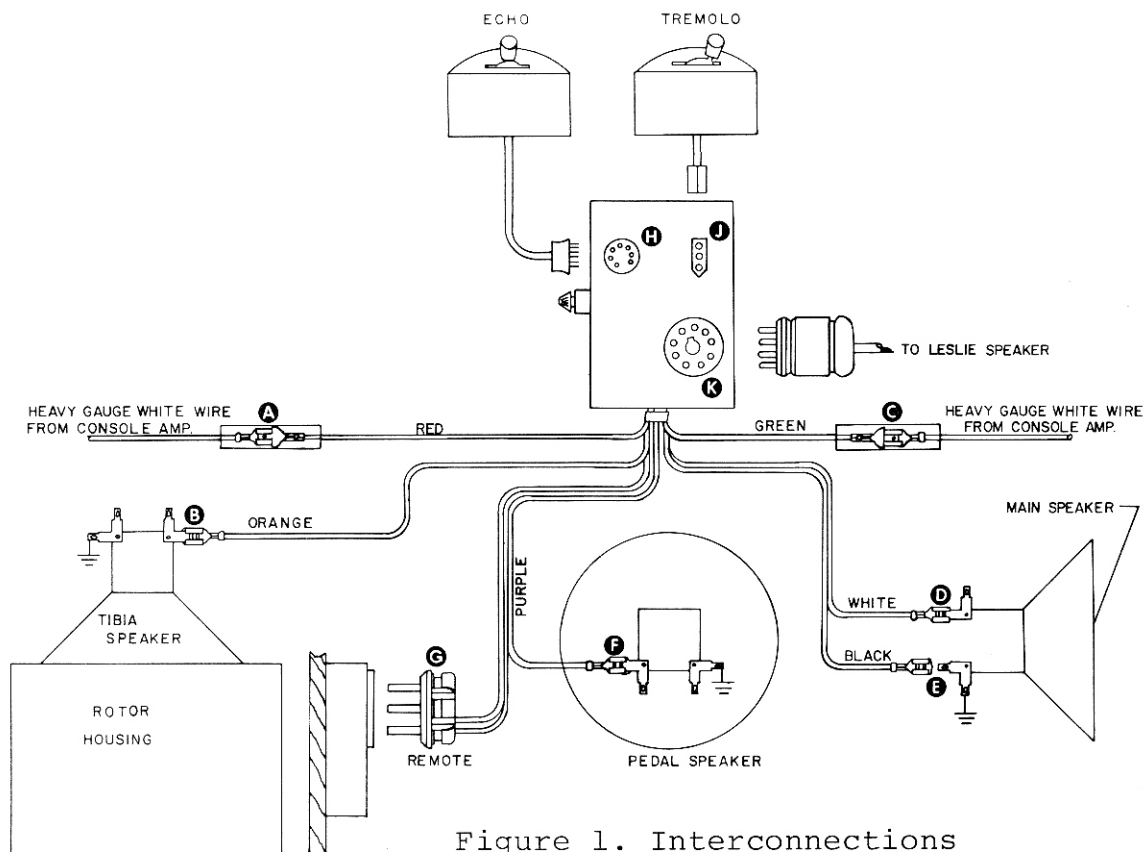
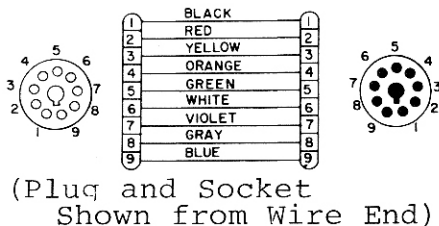


Figure 1. Interconnections

PARTS LIST: 057349 CONSOLE CONNECTOR ASSEMBLY

Socket, Cinch, 7-circuit (S1)	029306
Socket, 9-circuit (S2)	061713
Housing, Molex, 3-circuit (S3)	042077
Contact, insert, Molex, female	023556
Resistor, wire-wound, 16-ohm, 10W, 10%	029363
Fuseholder	055178
Fuse, 5-amp, 250V	029280
Resistor, 27-ohm, 1/2W, 10%	021253
Resistor, 68-ohm, 1/2W, 10%	038661
Cable and Plug Assembly (P4)	057406
Plug, 6-pin	061721



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

PARTS LIST: ECHO CONTROL

Switch Case

brown	103810
ebony	103820
ivory	103830

Case Cover

brown	048702
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch, Cable, & Plug Assembly

029249

Switch Retainer (2)

048116

Screw, thread-cutting, 6-32 x 3/8 (2)

029140

Label, MAIN/ENSEMBLY/ECHO

103670

Cork, adhesive

029157

PARTS LIST: TREMOLO CONTROL

Switch Case

brown	103810
ebony	103820
ivory	103830

Case Cover

brown	048720
ebony	048710
ivory	048728

Switch Knob

brown	048066
ebony	048074

Switch, Cable, & Plug Assembly

043315

Switch Retainer (2)

048116

Screw, thread-cutting, 6 x 3/8 (2)

029140

Label, CHORALE/OFF/TREMOLO

103650

Cork, adhesive

029157

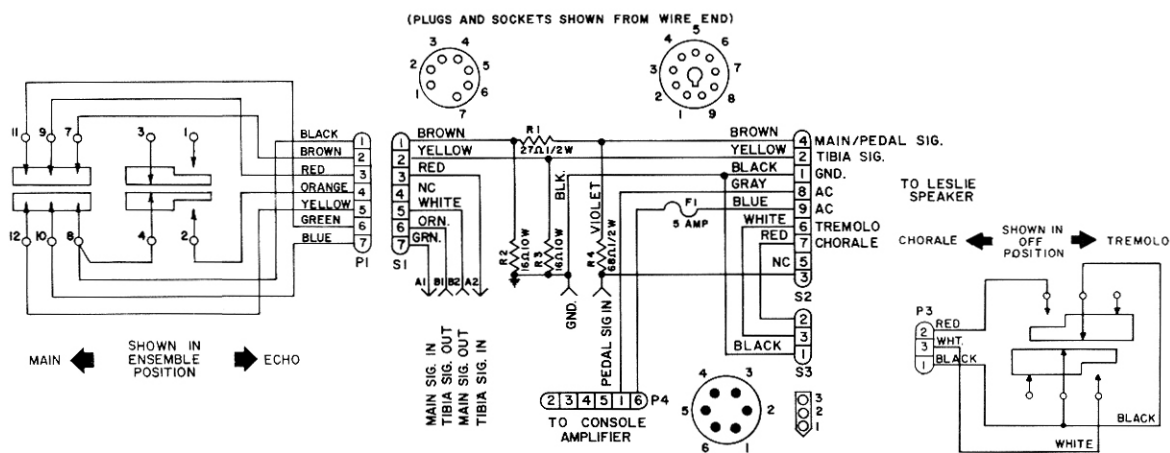


Figure 2. Schematic, Console Connector 057349 and Controls