

LESLIE CONSOLE CONNECTOR KIT 7646    INSTALLATION INSTRUCTIONS  
FOR USE WITH: LESLIE Speaker Model 600  
BALDWIN Organ Models: 210; CT100; CT200

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

KIT CONTENTS:

|    |        |                              |                      |
|----|--------|------------------------------|----------------------|
| 1  | 101330 | Console Connector            | 1 Tremolo Control    |
| 1  | 021600 | 9 Conductor Speaker Cable    | 069880 Brown         |
| 1  | 053025 | Oiler                        | 069898 Ebony         |
| 1  | 101450 | Installation Instructions    | 069906 Ivory         |
| 2  | 029132 | Screws, #8 x 1/2"            | 1 Echo Control       |
| 6  | 029124 | Screws, #6 x 1/2" Blk. Oxide | 101480 Brown         |
| 12 | 028464 | Insulated Staples            | 101490 Ebony         |
|    |        |                              | 101500 Ivory         |
|    |        |                              | 1 Multi-Rank Control |
|    |        |                              | 069948 Brown         |
|    |        |                              | 069955 Ebony         |
|    |        |                              | 069963 Ivory         |

TO INSTALL:

1. Remove Baldwin back.
2. Mount console connector chassis to inside front wall of organ. (See Fig. 1.) Use cadmium plated screws from hardware package.
3. Mount echo, tremolo, and multi-rank switches beneath lower keyboard. Use black oxide wood screws from hardware package.
4. Route echo, tremolo, and multi-rank control cables under the lower keyboard, through the keyboard shelf, and into the amplifier section of the organ. If no opening is provided, drill a 1" hole in the keyboard shelf just beneath the lower keyboard. Secure cables with insulated staples from hardware package.
5. Connect tremolo and multi-rank control plugs to matching colored sockets on console connector. (See "A" on Fig. 1.)
6. Connect echo control plug to the 9 contact molex socket on console connector. (See "B" on Fig. 1.)
7. Detach 3 circuit plug from upper right hand side of Baldwin power supply. Connect it to matching white molex socket from console connector. (See "C" on Fig. 1.)
8. Connect white molex plug from console connector to molex socket vacated in step 7. (See "D" on Fig. 1.)

9. Insert console connector' 6 pin plug into the 6 contact socket on top of the Baldwin amplifier. (See "E" on Fig. 1.)
10. Detach 12 circuit molex plug from left side of Baldwin power supply. Plug it into the 12 circuit molex socket of the console connector interceptor. (See "F" on Fig. 1.)
11. Connect plug end of the 12 circuit console connector interceptor to the vacated socket on the left side of the Baldwin amplifier. (See "G" on Fig. 1.)
12. Connect speaker cable to the 9 contact socket on the console connector chassis. (See "H" on Fig. 1.) Connect other end of cable to the 9 pin plug at rear of the Model 600 speaker.
13. Adjust Model 600 volume controls according to its owner's manual. Replace Baldwin back. Installation is complete.

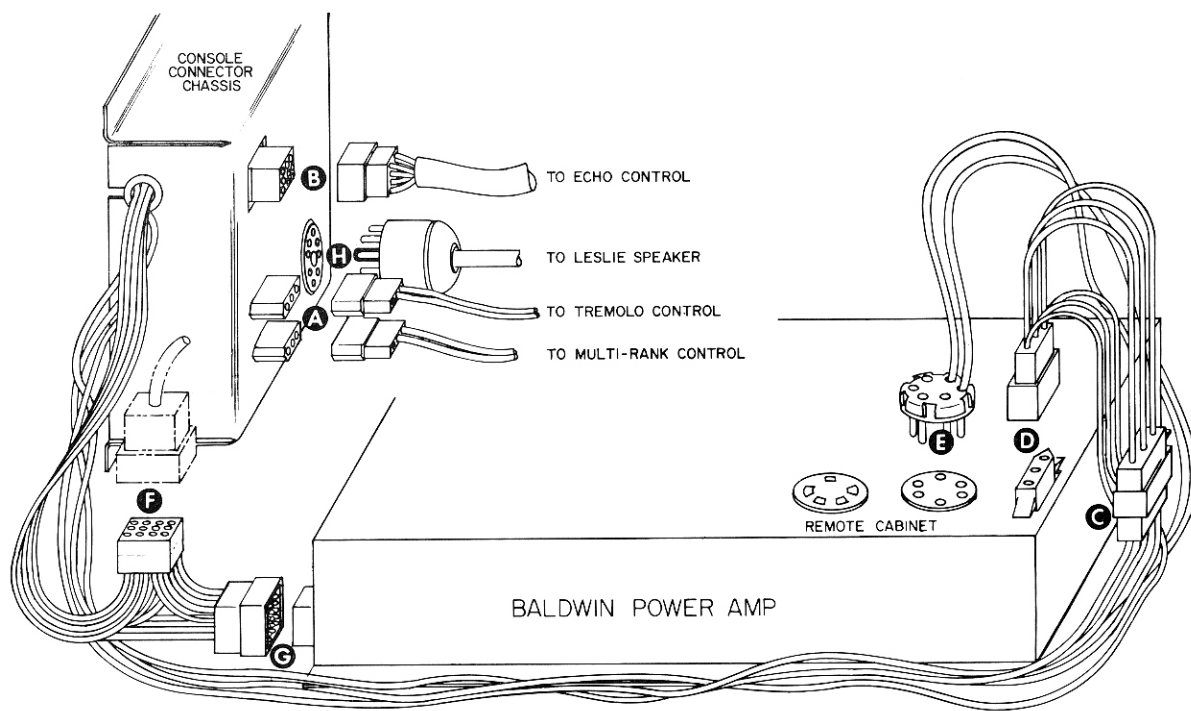


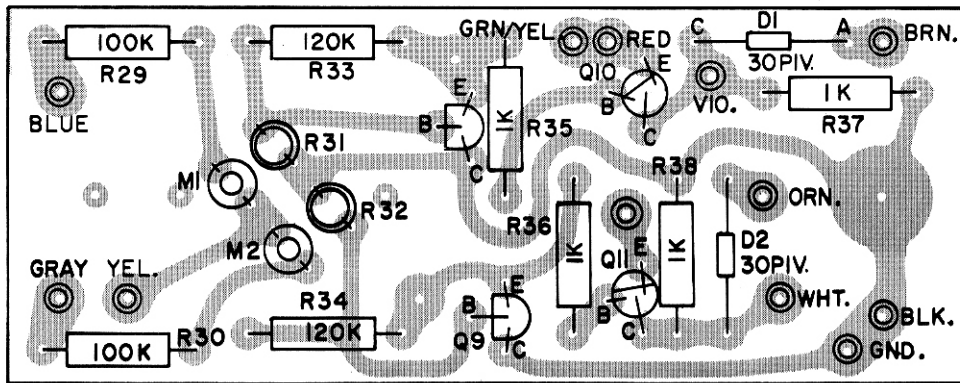
Fig. 1

## MODEL 600 CONTROLS

With the kit properly installed, the kit's echo control selects between the Model 600 speaker and the internal Baldwin speakers, or plays all speakers together. The kit's multi-rank switch turns the Model 600 space generator on and off. The kit's tremolo switch turns the Model 600 tremolo generators on and off.

The Baldwin tremolo tabs now control the tremolo speed of the Model 600 speaker's treble horn and drum rotor. The Baldwin's OFF/ON tremolo tab must be switched ON before the SLOW/FAST tremolo tab can be operated.

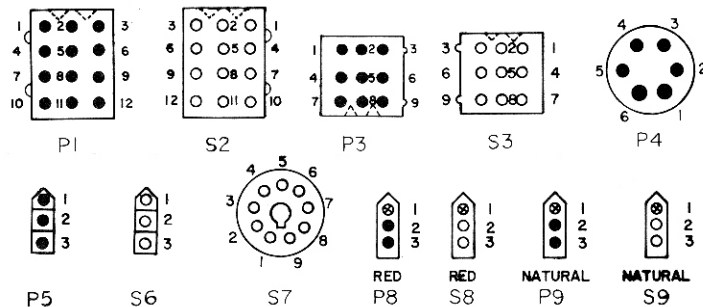
# MOTOR SENSOR CIRCUIT BOARD ASSY. - 069778



| PART NO. | DESCRIPTION               | EMI NO. | PART NO. | DESCRIPTION             | EMI NO. |
|----------|---------------------------|---------|----------|-------------------------|---------|
| D1, 2    | Rectifier, 30 PIV,500mW   | 041616  | R35,3 6  | Resistor, 1K, 1/2W, 10% | 023713  |
| M1, 2    | Neon Lamp-NE2E            | 063958  | R37, 38  | Resistor, 1K, 1/2W, 10% | 023713  |
| R29, 30  | Resistor, 100K, 1/2W, 10% | 028498  | Q8, 9    | Transistor, MSPS 4382   | 026237  |
| R31, 32  | Resistor, LDR ORP-66      | 030379  | Q10, 11  | Transistor, 2N3414      | 030254  |
| R33, 34  | Resistor, 120K, 1/2W, 10% | 027078  |          |                         |         |

## PLUGS & SOCKETS: 7646 KIT

(ALL PLUGS AND SOCKETS SHOWN FROM WIRE END.)



## PARTS LIST: CONSOLE CONNECTOR 101330

|        |        |                                              |
|--------|--------|----------------------------------------------|
|        | 069778 | Circuit Board Assembly, Motor Sensor         |
|        | 063826 | Can Assembly, Lamp Housing                   |
|        | 063529 | 4 Lug Terminal Strip                         |
| P1     | 101310 | Miniature Molex Plug Housing, 12 Ckt. Nat.   |
| P1     | 065599 | Male Miniature Molex Contact (12 Req'd.)     |
| P4     | 061721 | Plug, 6 Pin Amphenol                         |
| P5     | 101270 | Miniature Molex Plug, Housing, 3 Ckt. Nat.   |
| P5     | 065599 | Male Miniature Molex Contact (3 Req'd.)      |
| R1,2,3 | 029769 | Resistor, Wire Wound, 32 ohm, 10W, 10%       |
| R4,5,6 | 010124 | Resistor, 8.2 ohm, 1/2W, 10%                 |
| S2     | 101300 | Miniature Molex Socket Housing, 12 Ckt. Nat. |
| S2     | 065581 | Female Miniature Molex Contact (12 Req'd.)   |
| S3     | 101280 | Miniature Molex Socket Housing, 9 Ckt. Nat.  |
| S3     | 065581 | Female Miniature Molex Contact (9 Req'd.)    |
| S6     | 101260 | Miniature Molex Socket Housing, 3 Ckt. Nat.  |
| S6     | 065581 | Female Miniature Molex Contact (3 Req'd.)    |
| S7     | 061713 | Socket, 9 Contact Amphenol w/mtg. plate      |
| S8     | 043265 | Molex Socket Housing, 3 Ckt. Red.            |
| S8     | 023556 | Female Molex Contact (2 Req'd.)              |
| S9     | 042077 | Molex Socket Housing, 3 Ckt. Natural         |
| S9     | 023556 | Female Molex Contact (2 Req'd.)              |
| T1     | 022244 | Transformer                                  |

## SPEAKER CONTROL PARTS LISTS

### MULTI-RANK CONTROL

#### Switch Case

069914 brown

069922 ebony

069930 ivory

#### Switch Case Cover

048702 brown

048710 ebony

048728 ivory

#### Switch Knob

048066 brown

048874 ebony

#### Switch Retainer (2 reg'd.)

048108

#### Switch Only

042911

#### Adhesive Cork

029157

#### Screw, T.C.F., 6-32 x 3/8"

029140

#### P6 - Molex Plug Housing,

3 Circuit - Red

043323

#### P6 - Male Molex Insert

(2 reg' d . )

023309

### ECHO CONTROL

#### Switch Case

101690 brown

101700 ebony

101710 ivory

#### Switch Case Cover

033506 brown

033514 ebony

033522 ivory

#### Switch Knob

048066 brown

048074 ebony

#### Switch Retainer (2 reg' d.)

048116

### TREMOLO CONTROL

#### Switch Case

048033 brown

048058 ebony

048041 ivory

#### Switch Case Cover

048702 brown

048710 ebony

048728 ivory

#### Switch Knob

048066 brown

048074 ebony

#### Switch Retainer (2 reg'd.)

048108

#### Switch Only

042911

#### Adhesive Cork

029157

#### Screw, T.C.F., 6-32 x 3/8"

029140

#### P5 - Molex Plug Housing,

3 Circuit

042085

#### P5 - Male Molex Insert

(2 reg' d . )

023309

#### Switch Only

069013

#### Adhesive Cork

029157

#### Screw, T.C.F., 6-32 x 3/8" RH

029140

#### P3 - Miniature Molex Plug

Housing, 9 Ckt. Natural

101290

#### P3 - Male Miniature Molex

Contact (9 reg'd.)

065599

# SCHEMATIC: 7646 KIT

