

# CONSOLE CONNECTOR KIT 1188 INSTALLATION INSTRUCTIONS

FOR USE WITH: Leslie 315, 415, 422, 715, 722, 815, 822, and other two-channel tone cabinets with built-in pedal crossover.  
Hammond organ models B2, B3, C2, C3, RT, RT2, or RT3.

## INTRODUCTION

This kit contains a console connector assembly and a control center along with appropriate mounting hardware. When properly installed to the organ and connected to the Leslie speaker, it provides switching for Leslie Fast, Slow, or Off rotor speeds, switching for Leslie tone cabinet Power ON/OFF, and switching to route the organ signal to the Leslie Rotary channel, Stationary channel (Fixed), or in Mix position to both channels.

## KIT CONTENT

|                                    |            |                           |            |
|------------------------------------|------------|---------------------------|------------|
| Console Connector & Cable Assembly | 009-056272 | Hardware Package          | 089-056275 |
| Control Center Assembly            | 008-056270 | Installation Instructions | 047-056274 |

**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 person authorized by the dealer or factory to perform such work.

## INSTALLATION

**CAUTION:** DISCONNECT ORGAN POWER BEFORE PROCEEDING.

## CONTROL CENTER MOUNTING

1. Select a location under the keyboard shelf where the control is to be mounted, either left or right, as the organist prefers. Keep in mind that the cable from the control must pass into the interior of the organ. The mounting bracket may be reversed, if desired, by removing the four corner screws, turning it around, and re-fastening it to the plastic case with the four corner screws. This enables the control to be mounted to the front key strip if the keyboard shelf is metal, or the keyboard shelf if it is made of wood. See Figure 1 and Figure 2.
2. Select a hole to pass the control cable into the interior of the organ. If none is available, use a hole saw to make a 1" diameter hole or cut a notch in the rear of the organ shelf. Dress the control cable neatly under the keyboard shelf and secure it with the cable clamps provided.

## CONSOLE CONNECTOR MOUNTING

Mount the console connector and cable assembly inside the organ within reach of the organ amplifier using #8 x 1/2" sheet metal screws provided.

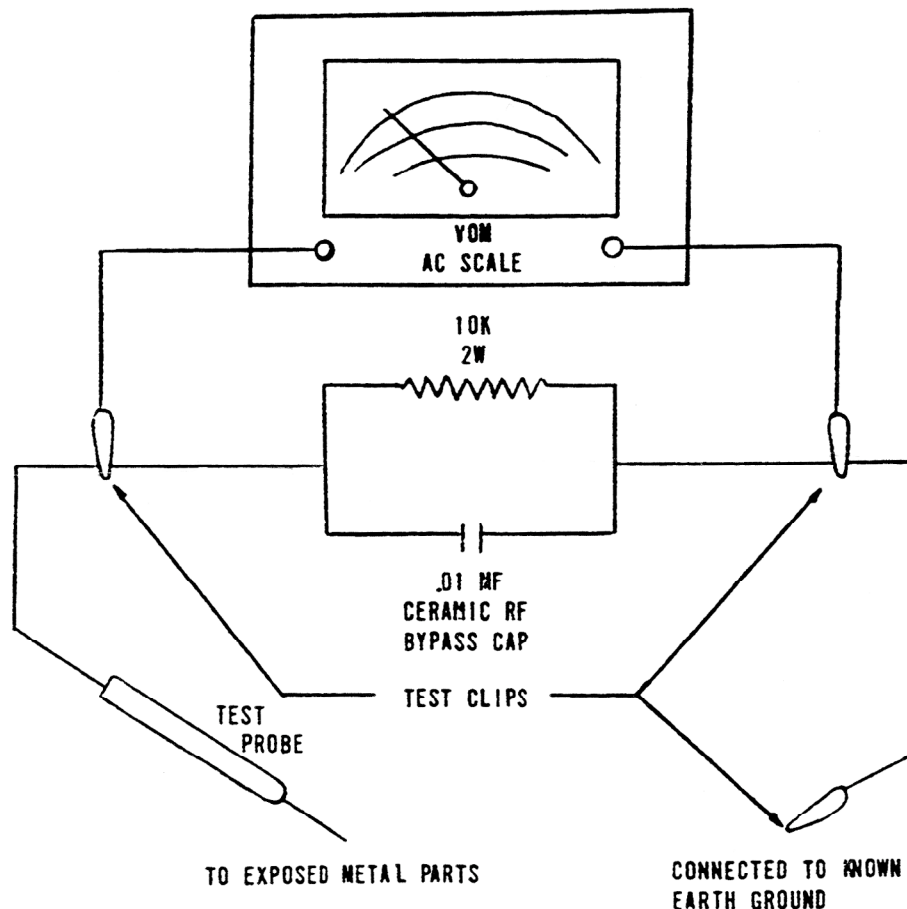


## SAFETY NOTICE

Great care has been taken in the design and manufacture of this product to assure that no shock hazard exists on any exposed metal parts. Internal service operations can expose the technician to hazardous line voltages and accidentally cause these voltages to appear on exposed metal parts during repair or reassembly of product components. To prevent this, work on these products should be performed only by those who are thoroughly familiar with the precautions necessary when working on this type of equipment.

To protect the user, It is required that all enclosure parts and safety Interlocks be restored to their original condition and the following tests be performed before returning the product to the owner after any service operation.

Plug the AC line cord directly into a line voltage AC receptacle (do not use an isolation transformer for this test) and turn the product on. Connect the network (as shown below) in series with all exposed metal parts and a known earth ground such as a water pipe or conduit. Use an AC VOM of 5,000 ohms per volt or higher sensitivity to measure the voltage drop across the network. Move the network connection to each exposed metal part (metal chassis, screw heads, knobs and control shafts, escutcheon, etc.) and measure the voltage drop across the network. Reverse the line plug and repeat the measurements. Any reading of 4 volts RMS or more is excessive and indicates a potential shock hazard which must be corrected before returning the product to the user.



## WIRING

1. Connect the Orange wire from the control center to one of the "G" terminals.
2. Connect the Yellow wire from the console connector and the Yellow wire from the control center to the Ground terminal.
3. Connect the Brown wire from the console connector to the Brown wire from the control center using a wire nut provided.
4. Connect the Red wire from the console connector to the Red wire from the control center using a wire nut provided.
5. Connect the Green wire from the console connector to the Green wire from the control center using a wire nut provided.
6. Connect the Blue wire from the console connector to the Blue wire from the control center using a wire nut provided.
7. Connect the Violet wire from the console connector to the Violet wire from the control center using a wire nut provided.
8. Connect the Gray wire from the console connector to the Gray wire from the control center using a wire nut provided.

## FINAL CHECK

Check all connections for proper hookup. Dress wires neatly and secure with cable clamps and/or cable ties. Connect Leslie speaker cable to console connector socket and to tone cabinet. Turn on organ and tone cabinet power and adjust volume of tone cabinet to desired level according to instructions in tone cabinet owner's manual. Check that control center switches provide proper response in tone cabinet.

This completes the installation.

## 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 listed.

## PARTS LIST

### CONSOLE CONNECTOR AND CABLE ASSEMBLY 009-056272

Chassis 035-057339  
11-Pin Socket 504-02885

### CONTROL CENTER ASSEMBLY 008-056270

|                              |            |
|------------------------------|------------|
| Cable Mounting Plate         | 035-057338 |
| Angle Bracket Mounting Plate | 035-057324 |
| Case - Silk Screened         | 541-141114 |
| Knob White                   | 531-137291 |
| Switch - Lever - 3 Position  | 508-137304 |
| Switch Assembly ON/OFF       | 523-137339 |

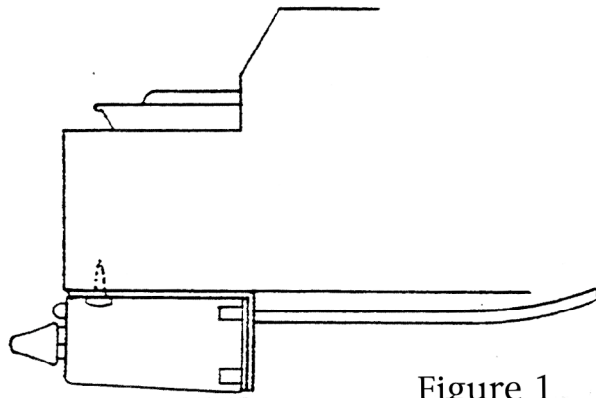


Figure 1

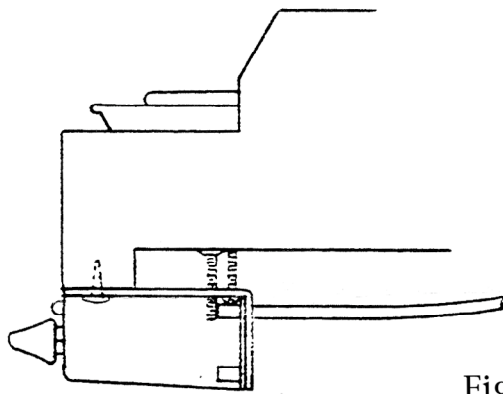
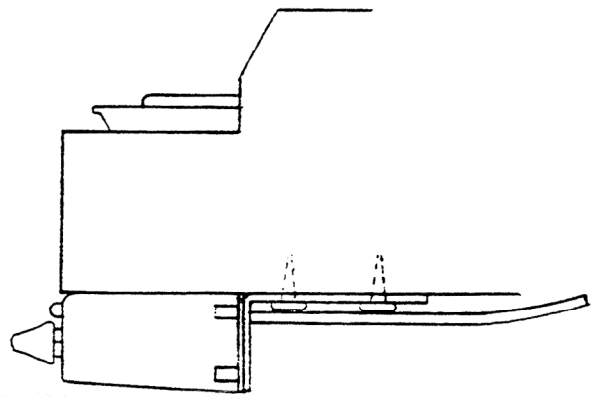
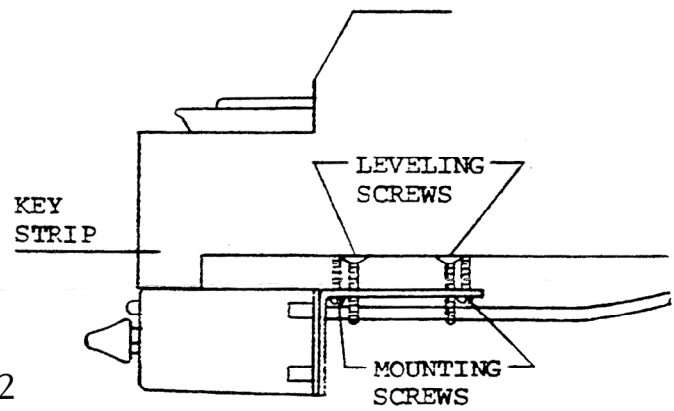
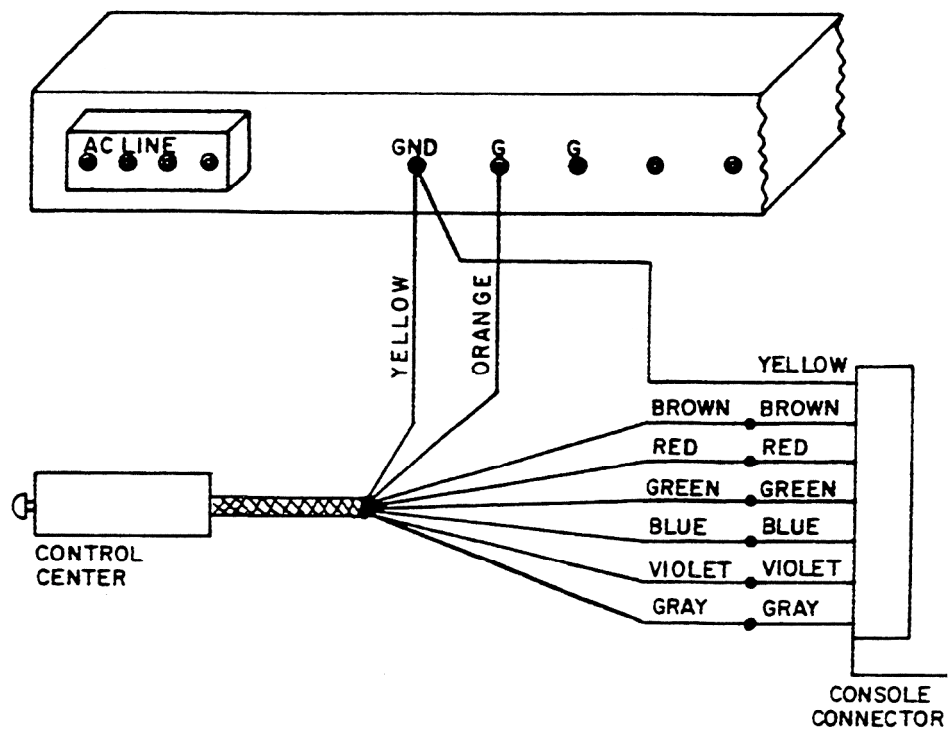
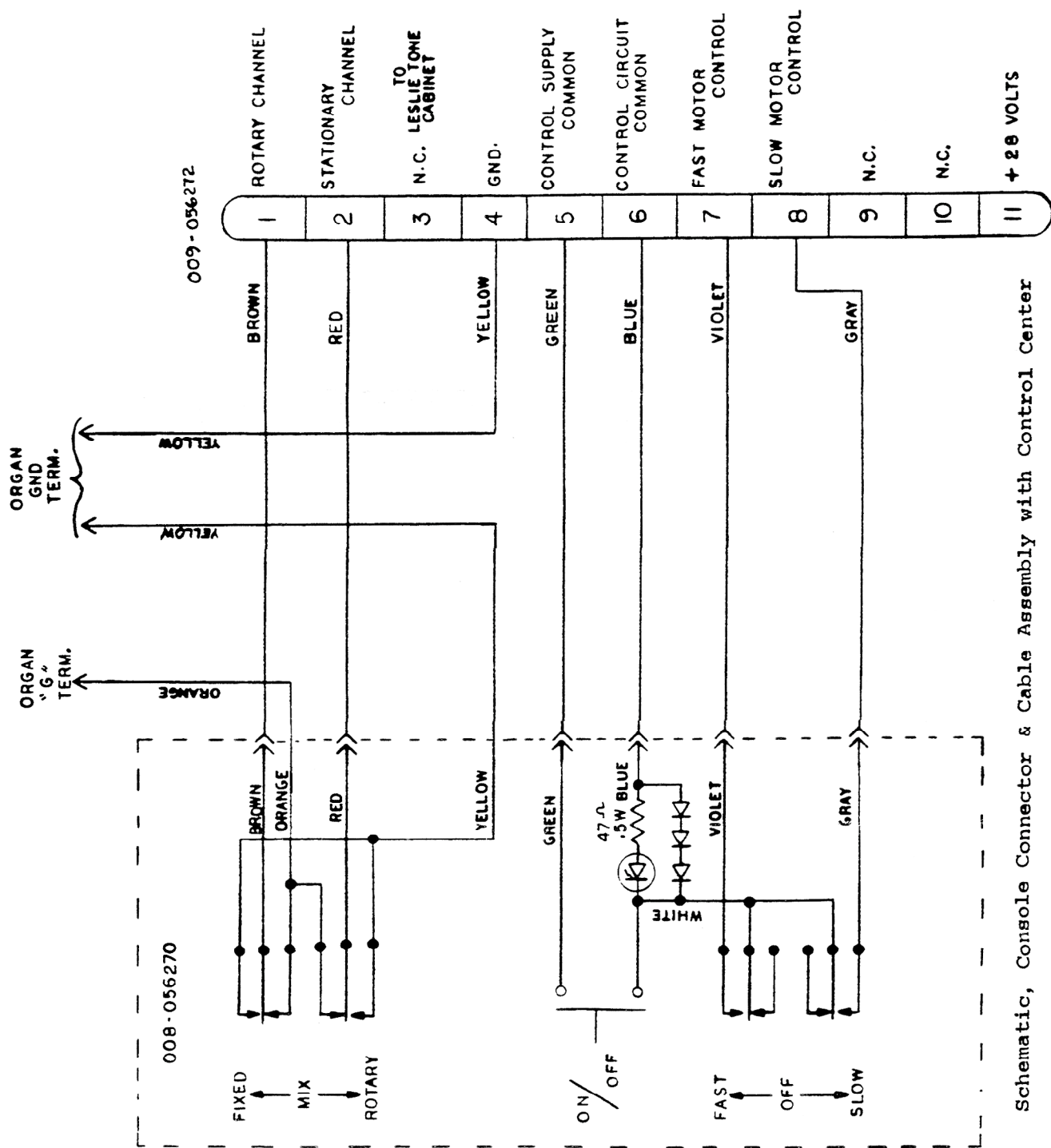


Figure 2



Four sets of mounting screws of different lengths to accomodate different key strip heights are included in the hardware package





Schematic, Console Connector & Cable Assembly with Control Center