

USE OF LESLIE CONSOLE ADAPTERS

Signal and AC power are drawn from the organ through use of a console adapter. The type adapter to be used, as well as the procedure for installing it, will vary according to the make and model organ involved.

Gulbransen Organs, Models G-3A, H-1, M-4, T-110, T-200, and V; also, Models E-1 and E-2 when equipped with transistor amplifiers - No. 27-6 Adapter

1. Plug the 5-contact socket of the No. 27-6 Console Adapter into the No. 26-1 Chassis.
2. Disconnect the 12-pole plug from the amplifier and connect it to the 12-contact socket of the adapter.
3. Connect the adapter's 12-pole plug to the previously vacated socket on the amplifier.
4. Connect the adapter's AC power cord to the AC outlet on the console amplifier. NOTE: In T-100 installations, AC power is obtained by means of the female socket (furnished with the No. 27-6 adapter) which is to be attached to the console light power supply cord.

Gulbransen Organs, other models - No. 27-5 Adapter NOTE: This excludes Models D-1, D-2, J, K, N-1, N-2, and S, which utilize other Leslie Speaker models, but not the 145 or 147.

1. Plug the 5-contact socket of the No. 27-5 Console Adapter into the No. 26-1 Chassis.
2. Disconnect the 6-pole console speaker plug from the amplifier and connect it to the 6-contact adapter socket.
3. Connect the adapter's 6-pole plug to the previously vacated console speaker socket on the amplifier.
4. Connect the adapter's AC power cord to the power outlet on the console amplifier.

Hammond Organs, Models M-1 and M-2 - No. 27-1 Adapter

1. Plug the 5-contact socket of the No. 27 -1 Console Adapter into the No. 26-1 Chassis.

2. Disconnect (at the screw terminals) and discard the adapter's 5-pole plug and socket assembly, as it is not used with these particular Hammond models.

3. Disconnect the green speaker wire from the console amplifier output terminals, then connect it to the green adapter wire and insulate the connection with the plastic sleeving.

4. Connect the red adapter wire to the output terminal vacated by the green speaker wire.

5. Add the black adapter wire to the amplifier's other output terminal, to which the black speaker wire is also connected.

6. Connect the grey and blue adapter wires to the two AC terminals on the console amplifier which are under the control of the console power switch.

Hammond Organs, Model M-3 - No. 27-1 Adapter

1. Plug the 5-contact socket of the No. 27 -1 Console Adapter into the No. 26-1 Chassis.

2. Disconnect the 5-pole console speaker socket from the amplifier and connect it to the 5-contact adapter socket.

3. Connect the adapter's 5-pole plug to the previously vacated console speaker socket on the amplifier. Solder the blue and grey adapter wires to the two AC lugs on the console amplifier which are under the control of the console power switch.

Hammond Organs, Models L-100 and M-100 - No. 27-1 Adapter

1. Plug the 5-contact socket of the No. 27 -1 Console Adapter into the No. 26-1 Chassis.

2. Cut off the 5-pole plug and socket assembly, cutting the red, green, and black wires at a point just above the screw terminal connections.

3. Discard this plug and socket assembly, but save one of the plastic insulating sleeves for future use.

4. Strip the ends of the red, green, and black wires so that the special connectors (in envelope) may be attached, i. e., clamped and soldered, as follows: red wire-male connector; green wire female connector; black wire - female connector.

5. Disconnect the green wire (from the amplifier) at the speaker terminal and fit the plastic insulating sleeve over it. Connect this green wire to the red adapter wire by means of the special connector. Pull the plastic sleeve over the connection. NOTE: In the case of late M-100 organs, in which there is a direct connection (red wire) between the reverberation amplifier and one of the two main speakers, a different procedure should be followed: the red wire from the reverberation amplifier, and the green wire from the main amplifier should both be cut at a point near the speaker terminals. Approximately 1/2 inch of insulation should be removed from the end of each of these wires, and they should then be connected to the red adapter wire, using the wire nut which is furnished.

6. Connect the green adapter wire to the speaker terminal just vacated by the green wire.

7. A second speaker operates in parallel with the speaker mentioned in Step 5. The black adapter wire is to be connected to this "second speaker" at the same terminal to which the black wire from the other speaker is already connected.

8. Connect the blue and grey adapter wires to the two AC terminals on the console amplifier which are under the control of the console power switch. (gray & yellow on L-100)

Hammond Organs, Model K-100 - No. 27-2 Adapter

1. Plug the 5- contact socket of the No. 27 - 2 Console Adapter into the No. 26-1 Chassis.
2. Remove the 3-pin plug from the output socket on the console amplifier, and in its place insert the adapter's 3-pin plug.
3. Connect the 3-pin plug previously removed to the adapter's 3-contact socket.
4. Connect the adapter's 5-pin plug to the external speaker socket on the console

amplifier.

Kimball Organs, No. 27-16 Adapter

1. Plug the 5- contact socket of the No. 27 -16 Console Adapter into the No. 26-1 Chassis.
2. Disconnect from the organ amplifier the 6-pole plug which is associated with the built-in Leslie system. Connect this plug to the 6-contact socket of the No. 27-16 Adapter.
3. Connect the adapter's 6-pole plug to the previously vacated socket of the amplifier.

Kinsman Organs, Single-Channel Models - No. 27-15 Adapter

1. Plug the 5-contact socket of the No. 27-15 Console Adapter into the No. 26-1 Chassis.
2. Disconnect the 2-pole console speaker plug from the amplifier, and connect it to the 2-contact adapter socket.
3. Connect the adapter's 2-pole plug to the previously vacated console speaker socket of the amplifier.
4. Connect the adapter's 5-pole plug to the 5-contact socket on the amplifier.

Lowrey Holiday, Chapel, Brentwood, Heritage, Lincoln, Theatre Model H, and Starlet (if transistorized) No. 27-8 Adapter

1. Plug the 5-contact socket of the No. 27-8 Console Adapter into the No. 26-1 Chassis.
2. Disconnect the 8-pole console speaker plug from the organ amplifier and plug it into the 8-contact adapter socket.
3. Connect the adapter's 8-pole plug to the previously vacated console speaker socket on the amplifier.

Lowrey Starlet - No. 27-9 Adapter

For the early tube-type instruments in this model group, use the No. 27-9 Console Adapter. This adapter has five open leads, each labeled according to function. Refer to the organ wiring diagram for correct identification of signal and AC power sources.

If the Starlet Model Organ is of late design, using transistors, it will be equipped with the 8-contact output socket, thus can use the standard No. 27-8 Console Adapter.

Other Organs - No. 27-9 Adapter

1. Plug the 5-contact socket of the No. 27-9 Console Adapter into the No. 26-1 Chassis.
2. Connect the five open leads, as marked, so as to obtain signal and AC power from the organ console. Refer to the organ service manual.

Thomas Organs, Early Models Only - No. 27-11 Adapter

1. Plug the 5- contact socket of the No. 27 -11 Console Adapter into the No. 26-1 Chassis.
2. Cut one of the voice coil wires near the speaker terminal. Strip 1/2 inch of insulation from each of the two resulting wire ends.
3. Using the wire nuts which are furnished, connect the red adapter wire to the wire (see previous step) leading to the amplifier, and the green adapter wire to the wire (see previous step) leading to the speaker voice coil.
4. Attach the clip-on back wire to the other terminal of the voice coil.
5. Connect the adapter's 5-pole plug to the 5- contact socket on the amplifier.

Wurlitzer Models 4100, 4102 and 4460 -

No. 27-5 Adapter

1. Plug the 5-contact socket of the No. 27-5 Console Adapter into the No. 26-1 Chassis.
2. Remove the dummy 6-pole plug from the console amplifier and in its place insert the 6-pole adapter plug.
3. Connect the dummy 6-pole plug removed in the previous step, to the 6-contact adapter socket.
4. Connect the adapter's AC power cord to the power outlet on the console amplifier.

Wurlitzer Models 44, 4000, 4040, 4200, 4250, 4410, 4420, 4430, and 4602 - No. 27-5 Adapter

1. Plug the 5-contact socket of the No. 27-5 Console Adapter into the No. 26-1 Chassis.
NOTE: In the case of the 4430, the No. 26-1 chassis must be mounted on the upper back rail inside of the console - otherwise the control cables will not reach.
2. Disconnect the 6-pole console speaker plug from the amplifier and connect it to the 6-contact adapter socket.
3. Connect the adapter's 6-pole plug to the previously vacated console speaker socket on the amplifier.
4. Connect the adapter's AC power cord to the power outlet on the console amplifier. (Do not use blower motor outlet.)

