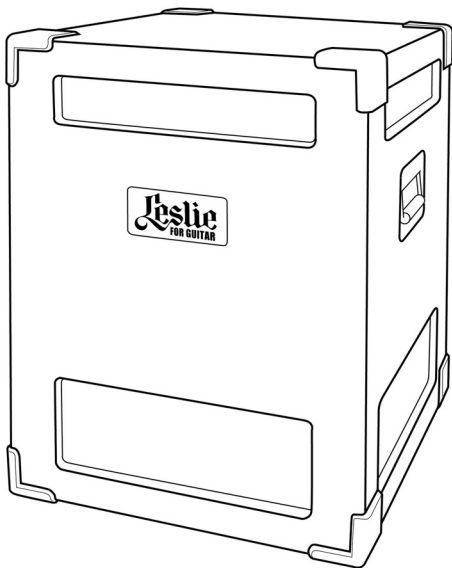


Leslie[®]
FOR GUITAR

Take Your Guitar for a Spin



Owners Manual

Models G37/G27

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or a third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

WARNING: To reduce the risk of fire or electrical shock, do not expose this apparatus to rain or moisture.

Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

PORTABLE CART WARNING



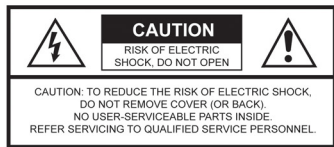
S3125A

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Do not operate this Leslie in an environment where temperatures are below 32° F. If Leslie has been subjected to extreme low temperatures, product must be placed in warmer environment unpowered for at least 30 minutes before turning on the AC power to the Leslie.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates there are important operating and maintenance instructions in the literature accompanying this unit.

Thank You!

We greatly appreciate your purchase of a genuine LESLIE speaker system. If this is your first purchase of a LESLIE product, we would like to welcome you into the LESLIE family. If you are a repeat customer, thank you for your continued confidence in our LESLIE products

Your genuine LESLIE speaker system was engineered and manufactured to the most stringent-quality standards, reproducing the full-spectrum sound of musical instruments and housed in an acoustically engineered, road-worthy cabinet, to assure your genuine LESLIE will sound and look great for many years to come. Your LESLIE speaker is the result of many years of research and dedication to the art of sound reproduction and is carefully designed and tested to provide long and dependable service

Many features have been included in this speaker to insure the finest sound from your guitar, acoustic instrument, or microphone. Please take a moment to carefully read this manual and familiarize yourself with many of the fine features found in your new genuine Leslie speaker system. Take pride in being the owner of the most innovative sound system in the industry today.

Product Overview

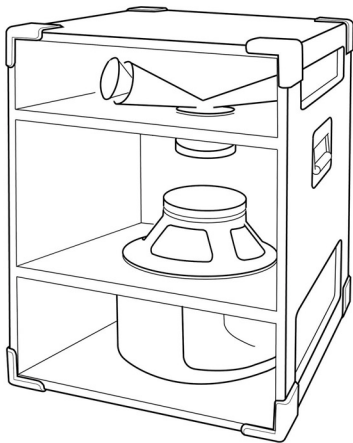
Your Guitar Leslie Model G37/27 is the first-ever genuine LESLIE speaker to be designed from "the ground up" for electric and acoustic guitars. The same principles and patented technologies that have been perfected in our legendary-keyboard LESLIES have been employed in the G37/27.

As in the keyboard LESLIES, the G37/27 contains two rotors to produce the world-renowned "sound-in-motion" effect. The upper frequencies are reproduced by a specially designed high-compression driver coupled to the patented dual rotary horn. A 12" vintage-voiced V30 full-range guitar speaker reproduces the lower frequencies that fires down into our patented high-density drum. Two virtually noiseless motors spin the rotor and drum at speeds specified by you at the control panel.

The included FS-10TL footswitch controls the fast and slow speeds, and also turns the motion "off", if desired. New to the G37/27 is a feature that stops the horn and rotor in such a position, when "off" is selected, all sound emanates from the front of the cabinet. This allows the G37/27 to behave like a typical guitar amp, and also allows proper coverage when microphones are used to re-amplify the G37/27. The optional V-20RT "Speed Pedal" allows continuous control of speed, with the ability to hold at any point. This is the first time that you will be able to have a LESLIE spin at the exact speed you desire.

The G37 comes equipped with a 100-watt 2-channel guitar amplifier. A real-tube preamp allows you to gently warm your tone, or push it all the way to crunch overdrive. A switch on the panel chooses the clean or overdrive channel. The optional footswitch can be used to remotely change the channels. There are independent volume controls for each channel. The overdrive channel also adds a gain control and "contour" control, which permits you to tailor the midrange to your exact choice. A three-band equalizer serves both channels.

The G27 has all the rotary functions as described above, but without the 100-watt guitar amp. You use the G27 as an auxiliary rotary speaker with your own guitar amp or sound reinforcement system.



G37 Leslie Setup Procedure

1. Place your LESLIE speaker in a place that produces the best sound reproduction.
2. Insert the AC power cord into the AC receptacle located on the rear panel of your Leslie. Plug the other end of the cord into a 120V AC/60hz outlet.
3. Insert the 1/4" male plug of the FS-10TL dual footswitch into the "Rotor Control-Foot Switch" jack located on the rear panel of the Leslie.
4. If available, insert the 1/4" male plug of the optional V-20RT Speed Pedal into the "Rotor Control Speed Pedal" jack located on the rear panel of the Leslie.
5. If available, insert the 1/4" male plug of the optional FS-1TL "Channel Footswitch" into the "Ch Select Foot Switch" jack located on the rear panel of the Leslie.
6. Connect your guitar with a 1/4" shielded cable to either the High or Low input jack.
(Use the "high" input jack when a fuller, chunkier sound is desired, and the "low" input jack when a cleaner sound is desired.)
7. Make sure both volume controls are set fully counter-clockwise to the zero position.
8. Set the Overdrive Gain control to the minimum position (full counter-clockwise).
9. Set the Contour, Treble, Mid, and Bass controls to the "12:00" position.
10. Set the Rotor Speed Controls to the detent positions (at "12:00").
11. Make sure that the Channel select switch is "out" (indicator light is on).
12. Place the power switch on your LESLIE to the "on" position and slowly raise the volume controls.
Experiment with the other controls.
CAUTION-The Leslie speaker volume control of the "clean" channel should be set to prevent distortion or overdriving the speakers. Excessive input may cause serious damage to the Leslie and void your warranty. Use the "Overdrive" channel to obtain distortion-tone.

Try the different speeds with different EQ settings. Depress the channel select switch to access the overdrive channel. Rotate the "contour" control to find your favorite sound. Please note that when the channel select switch located on the rear panel of the Leslie is depressed (Overdrive channel is ON), the FS-1TL Channel select footswitch will not function.

IMPORTANT NOTE: If you intend to "mic" the G37/27, do so ONLY from the FRONT of the cabinet. (The controls are on the "back" of the cabinet). Do NOT mic from the sides. This is because the sound is directed from the front only of the cabinet when the rotary speed is set to the "off" position.

Leslie Setup Procedure

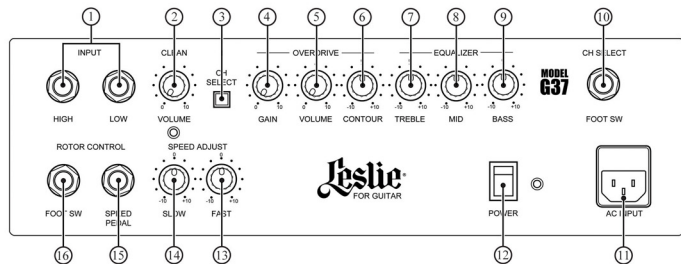
G-27 SETUP:

1. Follow steps 1,2,3,4 and 6 as outlined in the G37 Leslie Setup Procedure.
2. Using a 1/4" speaker cable, connect the Speaker output of your amplifier to the "Speaker Input" jack located on the rear panel of the Leslie.

CAUTION: Make sure that the impedance of your amplifier is 8 ohms and its maximum output is 100 watts RMS or less.

YOU CANNOT USE THE LESLIE G37 (100-Watt amp equipped) AS AN EXTERNAL SPEAKER CABINET LIKE YOU CAN WITH THE G-27. DO NOT ATTEMPT TO CONNECT YOUR G-37 AS DESCRIBED IN THE G-27 SETUP ABOVE. SERIOUS DAMAGE WILL OCCUR.

G37 CONTROL AND THEIR FUNCTIONS

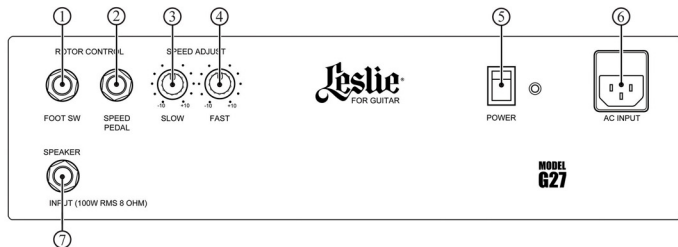


1. High and Low Instrument Input Jacks-Use High when fuller or overdrive tones are desired, or with a non-active pickup system. Use Low when cleaner tones are desired, or with an active pickup system.
2. Clean Volume-Volume control for clean channel
3. Channel Select-Depress this switch to select Overdrive Channel. Indicator light will illuminate when Clean Channel is selected.
4. Overdrive Gain-Controls amount of Gain Boost for Overdrive channel
5. Overdrive Volume-Volume control for overdrive channel
6. Contour-Sweepable Midrange attenuation for Overdrive Channel
7. Treble-Cut or Boost Upper frequencies (Global)
8. Mid-Cut or Boost Midrange frequencies (Global)
9. Bass- Cut or Boost Bass frequencies (Global)
10. Channel Select Footswitch Jack-Insert plug of optional footswitch here to select channels via footswitch.
11. AC Input-Connect provided grounded AC cable here.
12. Power Switch-Turns unit on and off (with indicator lamp)
13. Rotor Speed Adjust Fast-Sets maximum fast rotor speed (both rotors)

Leslie Setup Procedure

- Rotor Speed Adjust Slow-Sets minimum slow rotor speed (both rotors).
- Rotor Control Speed Pedal Jack- Insert plug of optional V-20RT Speed Pedal here.
- Rotor Control Foot Switch Jack- Insert plug of provided FS-10TL Dual Foot Switch here.

G27 CONTROLS AND THEIR FUNCTIONS



- Rotor Control Foot Switch Jack- Insert plug of provided FS-10TL Dual Foot Switch here.
- Rotor Control Speed Pedal Jack- Insert plug of optional V-20RT Speed Pedal.
- Rotor Speed Adjust Slow-Sets minimum slow rotor speed (both rotors).
- Rotor Speed Adjust Fast-Sets minimum fast rotor speed (both rotors).
- Power Switch-Turns unit on and off (with indicator lamp).
- AC Input-Connect provided grounded AC cable here.
- Speaker Input Jack-Using a cable with 1/4" plugs, connect the LESLIE G27 to the external speaker jack on your amplifier.

WARNING:

The external speaker jack on your amplifier must have impedance of 8 ohms with a maximum output of 100W RMS or less.

Leslie Setup Procedure

USE OF THE OPTIONAL V-20RT SPEED PEDAL

The V20-RT is a first for the LESLIE product line. Until now, with the classic keyboard LESLIES, you had three choices of rotor speed-Fast, Slow, and Off. On the G37 and G27, when you add the optional V20-RT pedal, you have continuous control of the speed of the rotors. You can also stop the travel of the pedal at any point to "freeze" the speed at that point. One of the favorite effects made possible by the LESLIE speaker is called "Ramping". This refers to the "speeding up" or "slowing down" of the rotors as you play. With the V20-RT you control the speed of the rotors. This is great for building emotion into your playing.

Caution: The Leslie G37/G27 has been designed to work only with the optional V-20RT Speed Pedal. Serious damage to your Leslie may occur if another type of pedal is plugged into the "Rotor Control Speed Pedal" jack. There are MIDI volume/control/expression pedals that appear similar to the V20-RT, but they will not work with your G37/G27.

G37/27 F.A.Q.'s

Can I play my keyboard into the Leslie G37/27?

You can plug any musical instrument with a 1/4" plug into your Leslie speaker, but strangely enough, we don't recommend keyboards be used with the G37. The high frequency driver and the mid-range guitar speaker do not have a wide enough frequency response to accurately reproduce all of the sounds found in an organ, synth, or piano. The amp is also voiced for guitar, so the sonic range may be too thin for the wide and dynamic range of a keyboard. We highly recommend our LESLIE 2101 or 3300 for keyboard use.

Can I use other manufacturer's foot pedals for the "speed pedal"?

No. The G37/G27 Leslie motor control circuits have been designed only to work with our V20-RT speed pedal. Serious damage to your Leslie can occur if you use another manufacturer's pedal .

Do the motors in my G37/27 need "oil" like a traditional Leslie?

No. The long life, ultra quiet motors supplied with the G37/G27 Leslie are maintenance-free and do not require oiling.

Do I need to remove the panels on the back to get a better sound?

No. Remember that when the rotors are on "brake"(or off) the sound comes out of the front. Don't ever remove any of the panels-To do so will invalidate your warranty and could create a hazardous situation. Mic it from the front!

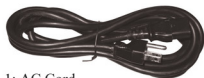
Is the G37/27 a "Real" Leslie?

As real as it gets! The G37/27 is based on all the original principles and patents invented by Mr. Donald Leslie in 1941. Think of your G37/27 as a "mini-me" of the big classic Leslies. Of course, you have the advantage of all of the modern world's updates like the silent motors in your G37 (Don would have loved them).

Leslie Setup Procedure

INCLUDED:

- 1: AC Power Cord
- 2: Dual Footswitch (FS-10TL)



1: AC Cord



2: FS-10TL

OPTIONAL:

- 3: Channel Footswitch (FS-1TL)
- 4: Speed Control Pedal (V20RT)



3: FS-1TL



4: V20RT

CARE OF YOUR G37/27

Your GENUINE LESLIE speaker has been carefully engineered for durability and maximum service. Except for occasional replacement of maintenance items like belts, your LESLIE speaker will require little or no attention.

CAUTION

As with any electrical or electronic equipment, care should be exercised to prevent fire and shock hazard. The following information is provided to give guidance in the safe use and care of your GENUINE LESLIE speaker.

ENVIRONMENT

To prevent an electrical shock hazard, do not expose your LESLIE to wet floors, stage decks, liquid spills and splashes, or rain. And remember, this is a precision musical instrument, not an end table. Find somewhere else to park your drink.

ENCLOSURE

The removal of any part of the enclosure may result in exposure to electrical shock. Servicing should not be attempted by the user or by your roadies. There are no user-serviceable parts. Refer all servicing to factory-trained technicians.

POWER

Operate this speaker only at the AC voltage and frequency that was set at the factory.

MOVING

Carry and load your G37/27 always in an upright position.

- * "While My Guitar Gently Weeps" - The Beatles featuring Eric Clapton
- * "Let It Be" - The Beatles
- * "Badge" - Cream
- * "Any Colour You Like" - Pink Floyd
- * "Black Hole Sun" - Soundgarden
- * "Goodbye Yellow Brick Road" - Elton John
- * "Lucy in the Sky with Diamonds" - The Beatles
- * "Give" - Dishwalla
- * "Good Times Bad Times" - Led Zeppelin
- * "What It Takes" - Aerosmith
- * "Pink" - Aerosmith
- * "Wet Sand" - Red Hot Chili Peppers
- * "In Your Letter" - REO Speedwagon
- * "Little Wing" - Jimi Hendrix
- * "No Quarter" - Led Zeppelin
- * "Asthenia" - blink-182
- * "Dig" - Incubus
- * "You Never Give Me Your Money" - The Beatles
- * "Cold Shot" - Stevie Ray Vaughan
- * "Humpty Dumpty" - Aimee Mann
- * "Always" - Bon Jovi
- * "10 RPM" - Bayad Macadoo



SPECIFICATIONS:

Featuring Exclusive Pedal Speed Control Circuitry (Patent Pending)

Single-Channel Input	Features low and high gain input jacks.
Variable Speed (Horn & Bass Rotor)	Slow/fast speeds can be individually adjusted. Horn and bass rotor will automatically stop in the forward position when the stop mode is selected. This maximizes the sound towards the audience.
Amplifier (LESLIE G37 only)	Vacuum tube preamp with 100-Watt RMS solid-state power amplifier.
Amplifier Input (LESLIE G27 only)	LESLIE speaker system is capable of handling an external amplifier up to 100 Watt RMS.
Speakers	12" vintage V30 speaker made with all original materials and a high frequency horn driver.
Control Inputs	Channel Select foot switch, speed select foot switch slow, fast, stop), variable speed control pedal (V-20RT)
Controls (LESLIE G37 only)	Clean Volume, Ch Select, Overdrive: Gain, Volume, Contour, Equalizer: Treble, Mid, Bass
Controls (LESLIE G37 & G27)	Slow Rotor Speed; Fast Rotor Speed, Power Switch
Cabinet	Rugged-built, black-painted cabinet, constructed of 3/4" MDF, with protective corners and two recessed handles.
Power Supply	120V AC, 60Hz
Dimensions	20"(W) x 20 1/4" (D) x 26 1/2" (H)
Weight	LESLIE G37: 100 lbs, LESLIE G27: 92 lbs
Included Accessories	FS-10TL Dual foot switches, (16' cord included), enables rotor control speed (slow, fast, stop).
Optional Accessories	V-20RT Speed Control Pedal FS-1TL single foot switch, used to remotely control channel select.



SERVICE

Hammond maintains a policy of continuously improving and upgrading its instruments and therefore reserves the right to change specifications without notice.

Although every attempt has been made to insure the accuracy of the descriptive contents of this manual, total accuracy cannot be guaranteed.

Should the owner require further assistance, inquiries should first be made to your Authorized Hammond Dealer.

If you still need further assistance, contact Hammond at the following address.

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Addison, IL 60101

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Fax: 630-543-0279

Visit our website

www.hammondorganco.com