

Laney LFSUPER60-112

Laney LFSUPER60-112 Lionheart 60-Watt 1x12in Guitar Amplifier Combo Instruction Manual

Model: LF-SUPER60-112

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Laney LFSUPER60-112 Lionheart 60-Watt 1x12in Guitar Amplifier Combo. Please read this manual thoroughly before using the amplifier to ensure proper setup, operation, and maintenance. Retain this manual for future reference. The LFSUPER60-112 is a dual-channel, all-analog 60-Watt guitar combo amplifier designed to deliver a wide range of tones, from pristine cleans to warm overdrive. It features built-in effects and incorporates Laney Advance Impulse Response (LA:IR) technology for versatile recording and performance options.

IMPORTANT SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of electric shock, fire, or injury:

- **Power Source:** Connect the amplifier only to a power supply of the type specified on the unit.
- **Grounding:** Ensure the amplifier is properly grounded. Do not defeat the safety purpose of the polarized or grounding-type plug.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not use this apparatus near water or expose it to dripping or splashing.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** 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.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Unplugging:** Unplug this apparatus during lightning storms or when unused for long periods of time.

PRODUCT OVERVIEW

The Laney LFSUPER60-112 Lionheart amplifier combines classic tone with modern features. Below is an overview of its main components and features.

Key Features:

- Dual-channel all-analog 60-Watt amplifier.

- Integrated Tremolo effect, inspired by mid-1960s circuits.
- Versatile Reverb effect for spatial depth.
- Low Power Mode for reduced volume operation without tone degradation.
- Footswitch input for remote channel and effects switching.
- Laney Advance Impulse Response (LA:IR) technology for cabinet emulation via DI output.

Front Panel Controls:



Figure 1: Overview of the amplifier's front control panel.

The front panel provides access to all primary controls for shaping your sound:

- **Input Jack:** Connect your guitar here.
- **Boost Control:** Adjusts the level of the boost function.
- **Channel 1 (Clean) Controls:**
 - **Clean Volume:** Controls the output level of the clean channel.
 - **Bright Switch:** Engages a bright tone characteristic for Channel 1.
- **Channel 2 (Lead) Controls:**
 - **Lead Gain:** Controls the amount of overdrive/distortion for the lead channel.
 - **Lead Volume:** Controls the output level of the lead channel.
 - **Dark Switch:** Engages a darker tone characteristic for Channel 2.
- **Equalization (EQ) Controls:**
 - **Bass:** Adjusts the low-frequency response.
 - **Middle:** Adjusts the mid-frequency response.
 - **Treble:** Adjusts the high-frequency response.
 - **Tone:** Provides overall tonal shaping.
- **Effects Controls:**
 - **Reverb:** Controls the level of the Reverb effect.
 - **Tremolo/Chorus Switch:** Selects between Tremolo and Chorus effects.
 - **Rate:** Adjusts the speed of the selected modulation effect (Tremolo or Chorus).
 - **Depth:** Adjusts the intensity of the selected modulation effect (Tremolo or Chorus).

Rear Panel Connections:



Figure 2: Overview of the amplifier's rear panel connections.

The rear panel provides connections for power, footswitch, effects loop, and DI output:

- **Power Input:** Connect the supplied power cord here.
- **Power Switch:** Turns the amplifier on or off.
- **Remote Jacks:** Inputs for connecting an external footswitch to control channels, boost, and effects.
- **Effects Loop (Send/Return):** For connecting external effects pedals or processors.
- **Power Mode Switch:** Selects between full power (Max) and low power (<1W) operation.
- **LA:IR DI Out (XLR):** Balanced output with cabinet emulation for direct recording or PA connection.
- **LA:IR Switch:** Selects cabinet emulation (Off, 1x12, 4x12).

SETUP

Follow these steps to set up your Laney LFSUPER60-112 amplifier:

1. **Placement:** Place the amplifier on a stable, level surface. Ensure adequate ventilation around the unit.
2. **Power Connection:** Ensure the amplifier's power switch is in the OFF position. Connect the supplied power cord to the power input on the rear panel and then to a grounded electrical outlet.
3. **Guitar Connection:** Connect your guitar to the **Input Jack** on the front panel using a high-quality instrument cable.
4. **Footswitch (Optional):** If using a footswitch, connect it to the appropriate **Remote Jacks** on the rear panel.
5. **External Effects (Optional):** If using an external effects loop, connect the **Send** output to the input of your effects unit and the output of your effects unit to the **Return** input on the amplifier's rear panel.

6. **DI Output (Optional):** For direct recording or PA connection, connect an XLR cable from the **LA:IR DI Out** to your audio interface or mixing console. Select the desired cabinet emulation using the **LA:IR Switch**.

OPERATING INSTRUCTIONS

This section details how to operate your Laney LFSUPER60-112 amplifier and utilize its various features.

Powering On and Off:

1. Ensure all volume controls are set to minimum before powering on.
2. Flip the **Power Switch** on the rear panel to the ON position. The power indicator light on the front panel will illuminate.
3. To power off, set all volume controls to minimum and then flip the **Power Switch** to the OFF position.

Channel Selection:

The amplifier features two channels: Clean (Channel 1) and Lead (Channel 2).

- Use the channel switch on the front panel or a connected footswitch to toggle between Channel 1 and Channel 2.
- **Channel 1 (Clean):** Provides a clear, uncolored tone. Adjust its volume with the **Clean Volume** control. The **Bright Switch** adds high-end sparkle.



Figure 3: Detail of Channel 1 controls including Boost, Clean Volume, and Bright switch.

- **Channel 2 (Lead):** Offers a range of overdrive and distortion. Adjust the amount of drive with **Lead Gain** and its output level with **Lead Volume**. The **Dark Switch** provides a warmer, less bright tone.



Figure 4: Detail of Channel 2 controls including Lead Gain, Lead Volume, and Dark switch.

Tone Shaping (EQ):

Use the **Bass**, **Middle**, **Treble**, and **Tone** controls to fine-tune your amplifier's sound. These controls are active for both channels.



Figure 5: Detail of Bass, Middle, Treble, and Tone equalization controls.

Built-in Effects:

The LFSUPER60-112 includes Reverb and a selectable Tremolo/Chorus effect.

- **Reverb:** Adjust the amount of reverb with the **Reverb** control.
- **Tremolo/Chorus:** Use the toggle switch to select between Tremolo and Chorus. Adjust the speed of

the effect with **Rate** and its intensity with **Depth**.



Figure 6: Detail of Reverb, Tremolo/Chorus switch, Rate, and Depth controls.

Boost Function:

The **Boost** control provides an additional gain stage for increased volume or saturation. Activate and adjust its level as desired.



Figure 7: Detail of the Boost control knob.

Low Power Mode:

The **Power Mode Switch** on the rear panel allows you to reduce the amplifier's output power to less than 1 Watt. This is useful for practicing at lower volumes while retaining the amplifier's tonal characteristics.



Figure 8: Detail of the Power Mode switch on the rear panel.

LA:IR DI Output:

The Laney Advance Impulse Response (LA:IR) DI output provides a balanced XLR output with selectable cabinet emulation. This is ideal for direct recording or sending a signal to a PA system without needing to mic the speaker.

- Connect an XLR cable from the **LA:IR DI Out** to your desired destination.
- Use the **LA:IR Switch** to select between "Off" (no emulation), "1x12" (single 12-inch speaker emulation), or "4x12" (four 12-inch speaker emulation).



Figure 9: Detail of the LA:IR DI Out and cabinet emulation switch.

MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your amplifier.

- **Cleaning:** Disconnect the amplifier from power before cleaning. Use a soft, dry cloth to wipe down the exterior. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use, store the amplifier in a dry, temperate environment, away from direct sunlight and extreme temperatures.
- **Transportation:** When moving the amplifier, ensure it is powered off and unplugged. Use the integrated handle for carrying.

TROUBLESHOOTING

If you encounter issues with your Laney LFSUPER60-112, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output.	<ul style="list-style-type: none">◦ Amplifier not powered on.◦ Volume controls set to minimum.◦ Guitar cable faulty or not connected.◦ Effects loop cables incorrectly connected.	<ul style="list-style-type: none">◦ Check power switch and power cord connection.◦ Increase Clean/Lead Volume and Master Volume.◦ Ensure guitar cable is securely connected and test with another cable.◦ If using effects loop, bypass it to check if the issue persists.
Distorted or weak sound.	<ul style="list-style-type: none">◦ Incorrect gain staging.◦ Faulty guitar or cable.◦ Speaker damage.	<ul style="list-style-type: none">◦ Adjust Lead Gain and Lead Volume for desired distortion level. Ensure Clean Volume is not overdriven if using Channel 1.◦ Test with a different guitar and cable.◦ If distortion persists at low volumes or with clean settings, contact service.
Hum or unwanted noise.	<ul style="list-style-type: none">◦ Ground loop.◦ Interference from other electronic devices.◦ Faulty cables.	<ul style="list-style-type: none">◦ Ensure all equipment is on the same electrical circuit or use a power conditioner.◦ Move amplifier away from other electronics (e.g., computers, fluorescent lights).◦ Test with different cables.

SPECIFICATIONS

The following are the technical specifications for the Laney LFSUPER60-112 Lionheart amplifier:


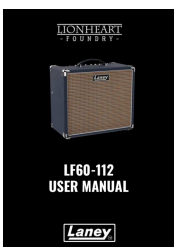

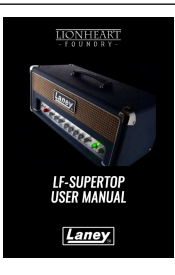
Feature	Detail
Model	LF-SUPER60-112
Output Wattage	60 Watts
Speaker Configuration	1x12 inch
Channels	2 (Clean, Lead)



Feature	Detail
Built-in Effects	Reverb, Tremolo, Chorus
Special Features	Low Power Mode, LA:IR (Laney Advance Impulse Response) DI Out
Connector Type	6.35mm Jack (Input), XLR (DI Out)
Compatible Devices	Guitar
Power Source	Corded Electric
Item Weight	30.9 pounds (14.0 kg)
Product Dimensions (L x W x H)	22.3 x 19.8 x 13.4 inches (56.6 x 50.3 x 34.0 cm)

WARRANTY AND SUPPORT



For warranty information and technical support, please refer to the official Laney website or contact your authorized Laney dealer. Keep your proof of purchase for warranty claims.

Related Documents - LFSUPER60-112

	<p>Laney LFSUPER60-112 Lionheart-Foundry Guitar Amplifier User Manual</p> <p>Comprehensive user manual for the Laney LFSUPER60-112 Lionheart-Foundry 60W guitar amplifier, covering features, controls, connections, specifications, and safety information.</p>
	<p>Laney LF60-112 Lionheart Foundry Guitar Amplifier User Manual</p> <p>Comprehensive user manual for the Laney LF60-112 Lionheart Foundry 60-watt guitar amplifier combo, covering features, controls, connections, specifications, and safety information.</p>
	<p>Laney IRT30-112 Black Country Customs Guitar Amplifier User Manual</p> <p>Comprehensive user manual for the Laney IRT30-112 Black Country Customs 30-Watt guitar amplifier, detailing its features, controls, connections, example settings, specifications, and safety guidelines.</p>
	<p>Laney LF-SUPERTOP User Manual: Features, Controls, and Specifications</p> <p>Comprehensive user manual for the Laney LF-SUPERTOP guitar amplifier head. Details features, front and back panel controls, connection guides, example settings, specifications, and safety warnings.</p>

	<p>Laney DBF100 - DBF200 Digbeth Foundry Bass Amplifier User Manual</p> <p>User manual for Laney DBF100 and DBF200 Digbeth Foundry bass combo amplifiers, covering introduction, features, controls, specifications, connections, and safety information.</p>
	<p>Laney DBF30 Digbeth Foundry Bass Amplifier User Manual</p> <p>User manual for the Laney DBF30 Digbeth Foundry bass amplifier, a versatile and portable combo designed for practice and small performances, detailing its features, controls, connections, specifications, and safety guidelines.</p>

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