

Laney CUB-10

Laney CUB-10 Electric Guitar Power Amplifier

INSTRUCTION MANUAL

1. Introduction

Thank you for purchasing the Laney CUB-10 Electric Guitar Power Amplifier. This amplifier is designed to deliver classic tube tone in a compact and portable package. Featuring 10 watts RMS of pure Class A tube power and a 10-inch custom HH driver, the CUB-10 is suitable for practice, recording, and small venue performances. This manual provides essential information for the safe and efficient operation of your amplifier.

2. Important Safety Instructions

- **Read Instructions:** Carefully read and understand all safety and operating instructions before using this product.
- **Retain Instructions:** Keep these instructions for future reference.
- **Heed Warnings:** Observe all warnings on the product and in the operating instructions.
- **Water and Moisture:** Do not use this apparatus near water or moisture.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **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.
- **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.

- **Grounding:** This apparatus must be grounded.

3. Setup and Connections

Follow these steps to set up your Laney CUB-10 amplifier:

1. **Unpacking:** Carefully remove the amplifier from its packaging. Inspect for any signs of damage.
2. **Placement:** Place the amplifier on a stable, level surface, ensuring adequate ventilation around the unit. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:** Ensure the amplifier's power switch is in the 'OFF' (0) position. Connect the integrated power cord to a suitable grounded AC power outlet.
4. **Instrument Connection:** Connect your electric guitar to either the 'HI' (High Input) or 'LO' (Low Input) jack on the front panel using a high-quality instrument cable. The 'HI' input provides higher gain, while the 'LO' input offers a cleaner signal with less gain.
5. **External Speaker (Optional):** If you wish to use an external speaker cabinet, connect it to the 'EXTERNAL SPEAKER' jack on the rear panel. Ensure the external cabinet's impedance matches the amplifier's output (8-16 ohms). Disconnecting the internal speaker is not required when using an external speaker.



Figure 3.1: Front view of the Laney CUB-10 amplifier, showing the speaker grille and control panel.



Figure 3.2: Rear view of the Laney CUB-10 amplifier, highlighting the power input and external speaker output.

4. Operating the Amplifier

Once connected, you can begin operating your CUB-10 amplifier:

1. **Power On:** Flip the 'POWER' switch to the 'ON' (I) position. The power indicator light will illuminate. Allow a few moments for the tubes to warm up.
2. **Controls Overview:** The front panel features the following controls:
 - **POWER Switch:** Turns the amplifier on or off.
 - **TONE:** Adjusts the overall tonal character, from darker to brighter.
 - **VOLUME:** Controls the overall output level of the amplifier.
 - **GAIN:** Adjusts the amount of pre-amp drive and distortion. Higher settings produce more overdrive.
 - **INPUT (LO/HI):** Connect your guitar here. 'HI' for higher gain, 'LO' for lower gain/cleaner tones.
3. **Adjusting Sound:** Start with the 'VOLUME' and 'GAIN' controls at a low setting. Gradually increase

'VOLUME' to your desired listening level. Use the 'GAIN' control to dial in the amount of overdrive, from clean to crunchy. Adjust the 'TONE' control to shape your sound.

4. **Experimentation:** Experiment with different combinations of 'GAIN', 'VOLUME', and 'TONE' to discover the wide range of sounds the CUB-10 can produce.



Figure 4.1: Detailed view of the CUB-10 amplifier's control panel.

5. Maintenance

Proper maintenance ensures 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. Avoid abrasive cleaners or solvents.
- **Tube Care:** The CUB-10 uses vacuum tubes (2 x ECC83 and 2 x EL84) which have a finite lifespan. If you notice a decrease in performance, excessive noise, or inconsistent sound, the tubes may need replacement. This should be performed by qualified service personnel.
- **Storage:** When not in use for extended periods, store the amplifier in a dry, temperature-controlled environment, away from direct sunlight and extreme temperatures.
- **Ventilation:** Always ensure the amplifier has adequate ventilation during operation to prevent overheating.

6. Troubleshooting

If you encounter issues with your CUB-10 amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound	Amplifier not powered on; volume/gain too low; faulty instrument cable; speaker disconnected.	Check power switch and indicator light; increase volume/gain; test with a different cable; ensure internal/external speaker is connected.
Weak or distorted sound	Faulty tubes; incorrect input selection; damaged speaker.	Consult qualified service personnel for tube inspection/replacement; ensure guitar is plugged into appropriate input (HI/LO); check speaker connection.
Excessive hum or noise	Ground loop; faulty cable; proximity to other electronic devices; worn tubes.	Ensure proper grounding; try different cables; move amplifier away from other electronics; consult service personnel for tube inspection.
No power indicator light	No power from outlet; blown fuse; faulty power switch.	Check power outlet with another device; replace fuse (refer to service manual or qualified technician); contact service personnel.

If the problem persists after attempting these solutions, please contact qualified service personnel.

7. Specifications

- **Output Wattage:** 10 Watts RMS
- **Speaker:** 1 x 10-inch Custom HH Driver
- **Tubes:** 2 x ECC83 (preamp), 2 x EL84 (power amp)
- **Inputs:** High (HI), Low (LO)
- **Controls:** Power, Tone, Volume, Gain
- **External Speaker Output:** 8 - 16 Ohm connections
- **Amplifier Type:** Tube
- **Power Source:** Electric
- **Item Weight:** Approximately 18.19 Pounds (8.25 kg)
- **Color:** Black/Brown
- **Model Number:** CUB-10

8. Warranty Information

The Laney CUB-10 amplifier comes with a **1-year warranty against manufacturer defects**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, modification, unauthorized repair, or normal wear and tear of consumable parts like vacuum tubes. Please retain your proof of purchase for warranty claims.

9. Support

For further assistance, technical support, or warranty inquiries, please contact your authorized Laney dealer or visit the official Laney website for contact information specific to your region. When contacting support, please have your amplifier's model number (CUB-10) and serial number ready.