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› [Fishman](#) /

› [Fishman Loudbox Artist 120W Acoustic Instrument Amplifier User Manual](#)

Fishman PROLBX600

Fishman Loudbox Artist 120W Acoustic Instrument Amplifier User Manual

Model: PROLBX600 | Brand: Fishman

1. INTRODUCTION

The Fishman Loudbox Artist is a 120-watt bi-amplified acoustic instrument amplifier designed for serious musicians. It features two versatile input channels, each capable of accepting 1/4-inch or XLR sources, along with comprehensive tone shaping and feedback control. The amplifier also includes a dual digital effects section, offering a range of reverbs, delays, chorus, flanger, echo, and slap echo effects to enhance your sound. Its robust construction ensures durability for consistent performance.

2. KEY FEATURES

- 120 watts of ultra-clean, bi-amplified acoustic power.
- Two versatile channels that can each accept an instrument or mic input.
- Input channels feature 3-band EQ and feedback controls.
- Includes Reverb, Chorus, Flanger, Delay, Echo, and Slap Echo effects.
- Foot Switch input for remote muting of input channels, or Chorus, Flanger, and Slap Echo effects.

3. SETUP

3.1 Unpacking

- Carefully remove the amplifier from its packaging.
- Inspect the unit for any signs of damage during transit. If damage is found, contact your dealer immediately.
- Retain the original packaging for future transport or storage.

3.2 Power Connection

- Ensure the amplifier's power switch is in the **OFF** position.
- Connect the supplied AC power cord to the power inlet on the rear panel of the amplifier.
- Plug the other end of the power cord into a grounded electrical outlet of the correct voltage.

3.3 Initial Connections

Before powering on, connect your instruments and microphones to the appropriate input channels.



Figure 3.1: Front view of the Fishman Loudbox Artist amplifier. This image shows the overall design and the front control panel, where instruments and microphones are connected.

- For acoustic instruments, use a standard 1/4-inch instrument cable to connect to either Channel 1 or Channel 2.
- For microphones, use an XLR cable to connect to the XLR input on either Channel 1 or Channel 2.
- If using a condenser microphone, ensure the 24V Phantom Power switch (located on the master section) is engaged.
- Connect any external audio devices (e.g., MP3 player) to the Auxiliary Stereo Input using 1/4-inch or 1/8-inch connectors.

4. OPERATING THE AMPLIFIER

4.1 Front Panel Controls

The front panel provides access to all primary controls for shaping your sound and managing effects.



Figure 4.1: Close-up view of the front panel controls. This image highlights the individual channel controls, effects section, and master volume.

Input Channels (Channels 1 & 2)

- **Pad:** Engages a 10dB pad for high-output sources to prevent clipping.
- **Gain:** Adjusts the input sensitivity for your instrument or microphone. Use in conjunction with the Clip indicator to set optimal levels.
- **Low, Mid, High (EQ):** These controls allow you to shape the tonal characteristics of your sound. The Mid control features a resonant-style midrange for precise frequency adjustment.
- **Anti-Feedback:** A notch filter designed to eliminate feedback frequencies. Rotate the knob to find and suppress the offending frequency.
- **Phase:** Inverts the phase of the input signal, which can help reduce feedback, especially when using a microphone and pickup simultaneously.

Effects Section (Effect A & Effect B)

The Loudbox Artist features two independent digital effects sections. Effect A offers Reverb 1 (Medium Hall), Reverb 2 (Deep Hall), Delay, and Echo. Effect B offers Chorus 1, Chorus 2, Flanger, and Slap Echo.

- **Effect A/B Level:** Controls the amount of the selected effect applied to each channel.
- **Time (Effect A):** Adjusts the decay time for Reverb effects or the delay time for Delay/Echo effects.
- **Depth (Effect B):** Adjusts the intensity or depth of the Chorus, Flanger, or Slap Echo effects.
- **Aux Level:** Controls the level of the auxiliary stereo input.

Master Volume & Phantom Power

- **Master Volume:** Controls the overall output volume of the amplifier.
- **Channel Mute:** Silences both input channels.
- **Tweeter Mute:** Mutes the tweeter, useful for certain playing styles or environments.
- **Phantom 24V:** Provides 24-volt phantom power for condenser microphones connected via XLR.

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Video 4.1: A demonstration of the Fishman Loudbox Artist amplifier's features and sound capabilities. This video provides an overview of the amplifier's performance and various controls in action.

4.2 Rear Panel Connections

The rear panel offers various output and auxiliary connections for expanded functionality.



Figure 4.2: Close-up view of the rear panel connections. This image details the D.I. outputs, effects loops, and other auxiliary ports.

- **D.I. Output (Pre EQ):** Balanced XLR outputs for each input channel and a main mix D.I. output. These outputs send the signal before the amplifier's EQ section, ideal for sending a clean signal to a mixing board or recording device.

- **Effects Loop (Send/Return):** Dedicated effects loops for each channel, allowing you to integrate external effects pedals or processors into your signal chain.
- **Aux Input:** Stereo input with level control, featuring 1/4-inch and 1/8-inch connectors for connecting external audio sources like music players.
- **Foot Switch:** Input for an optional footswitch to remotely mute input channels or toggle specific effects (Chorus, Flanger, Slap Echo).

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Loudbox Artist amplifier.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid abrasive cleaners or solvents.
- **Storage:** Store the amplifier in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Handling:** Always use the integrated handle for transport. Avoid dropping or subjecting the amplifier to strong impacts.
- **Ventilation:** Ensure proper ventilation around the amplifier to prevent overheating. Do not block the vents.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Loudbox Artist amplifier.

Problem	Possible Cause	Solution
No sound output	Power not connected; Volume too low; Cables faulty; Channel Mute engaged.	Check power connection; Increase Master/Channel Volume; Test cables; Disengage Channel Mute.
Feedback (howling sound)	Microphone too close to speaker; High gain settings; Room acoustics.	Adjust Anti-Feedback knob; Reduce Gain; Change microphone position; Use Phase switch.
Distorted sound	Input signal too hot; Faulty cable; Speaker damage.	Engage Pad switch; Reduce Gain; Test/replace cables; Contact service if speaker is damaged.
Effects not working	Effect level set to zero; External effects loop issue.	Increase Effect A/B Level; Check external effects loop connections.

7. SPECIFICATIONS

Detailed technical specifications for the Fishman Loudbox Artist amplifier.

Specification	Value
Output Wattage	120 Watts

Specification	Value
Item Weight	1 pounds
Product Dimensions	11.5"D x 15.5"W x 13.5"H
Model Number	PROLBX600
Color	Tan
Compatible Devices	Guitar
Connector Type	XLR
Power Source	Corded Electric

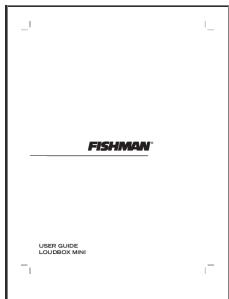
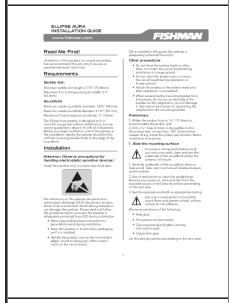
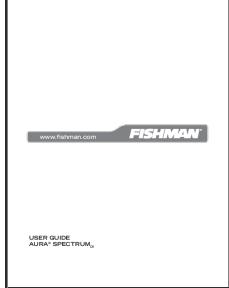
8. WARRANTY AND SUPPORT

Fishman products are designed for reliability and performance. This product is covered by a limited warranty against defects in materials and workmanship. For detailed warranty information, service, or technical support, please refer to the official user manual or visit the Fishman website.

You can download the complete User Manual in PDF format for more in-depth information [Fishman Loudbox Artist User Manual \(PDF\)](#)

Related Documents - PROLBX600

 <small>USER GUIDE LOUDBOX ARTIST</small>	<p>Fishman Loudbox Artist User Guide: Setup, Features, and Specifications</p> <p>Comprehensive user guide for the Fishman Loudbox Artist acoustic amplifier, covering safety instructions, setup, front and rear panel controls, tone tips, feedback management, technical specifications, and compliance information.</p>
 <small>USER GUIDE LOUDBOX MINI CHARGE™</small>	<p>Fishman Loudbox Mini Charge User Guide</p> <p>User guide for the Fishman Loudbox Mini Charge portable, battery-powered acoustic amplifier. Covers safety instructions, getting started, front and rear panel controls, tone tips, technical specifications, and battery maintenance.</p>
 <small>USER GUIDE LOUDBOX PERFORMER</small>	<p>Fishman Loudbox Performer User Guide: Features, Setup, and Specifications</p> <p>Comprehensive user guide for the Fishman Loudbox Performer amplifier, covering safety instructions, setup, front and rear panel controls, tone tips, feedback management, technical specifications, and compliance information.</p>

	<p>Fishman Loudbox Mini User Guide</p> <p>This user guide provides comprehensive instructions for operating the Fishman Loudbox Mini portable acoustic amplifier. It covers important safety information, setup procedures, detailed explanations of front and rear panel controls, tone adjustment tips, a block diagram illustrating the signal flow, and technical specifications.</p>
	<p>Fishman Ellipse Aura Guitar Pickup System Installation Guide</p> <p>Comprehensive installation guide for the Fishman Ellipse Aura guitar pickup system, detailing requirements, step-by-step instructions, precautions, and setup procedures for experienced technicians.</p>
	<p>Fishman Aura Spectrum DI User Guide: Acoustic Imaging Preamp</p> <p>Comprehensive user guide for the Fishman Aura Spectrum DI, detailing its features, setup, controls, and image banks for acoustic instrument amplification and recording.</p>