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> Leo Jaymz DIY Electric Bass Guitar Kits -Roasted Ash Body,Roasted Maple Neck and Laurel Wood Fingerboard - Fully Components Included (IB 4Strings)

Leo Jaymz IB 4S

Leo Jaymz DIY Electric Bass Guitar Kit - IB 4S Instruction Manual

Model: IB 4S

1. INTRODUCTION

Welcome to the world of DIY instrument building with the Leo Jaymz IB 4S Electric Bass Guitar Kit. This comprehensive kit provides all the necessary components to assemble your own 4-string electric bass guitar, featuring a roasted ash body, roasted maple neck, and laurel wood fingerboard. Designed for ease of assembly, this kit utilizes plug-in connections, eliminating the need for soldering.

2. COMPONENTS OVERVIEW

Your Leo Jaymz IB 4S kit includes all parts required for assembly. Please verify that all components listed below are present before beginning assembly.



Figure 2.1: Complete Kit Contents

This image displays all the components included in the Leo Jaymz DIY Electric Bass Guitar Kit, such as the roasted ash body, roasted maple neck, tuning pegs, bridge, pickups, control knobs, wiring harness, guitar strap, audio cable, and various screws and tools.

2.1. Main Components

- **Roasted Ash Body:** Pre-drilled with cavities for pickups, controls, and neck attachment.
- **Roasted Maple Neck:** Features a laurel wood fingerboard with 24 frets and 6mm pearl dot inlays. The headstock is shaped and pre-drilled for machine heads.
- **Tuning Pegs:** Four black alloy tuning pegs for the headstock.
- **Bridge:** Black bass bridge for string anchoring.
- **Pickups:** Two bass pickups designed for the pre-routed body cavities.
- **Control Knobs and Hardware:** Black control knobs and associated hardware for tone and volume.
- **Wiring Harness:** Pre-wired with pluggable connectors for easy, solder-free installation.

2.2. Accessories and Tools

- **Guitar Strap:** Included for comfortable playing.
- **Audio Cable:** For connecting the bass to an amplifier.
- **Guitar Strings:** A set of 4 nickel bass strings.
- **Copper Foil Tape:** Thickened single-sided tape for shielding cavities to reduce noise.
- **Truss Rod Cover:** For the headstock.
- **Allen Wrench:** For truss rod adjustments and other fittings.
- **Spring Claw & Screw Kits:** Various screws and springs for assembly.
- **Back Cover:** For the control cavity.

GUITAR ACCESSORIES

The item includes all the following accessories. To facilitate your installation, we have packaged each part.



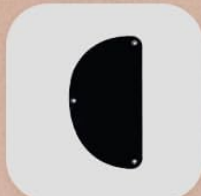
Audio Cable



Guitar Strings



Copper Foil Tape



Truss Rod Cover



Tuning Pegs



Allen Wrench



Bridge



Switch & Knob



Pickups



Back Cover



Strap



Spring Claw & Screw Kits



Figure 2.2: Guitar Accessories

This image provides a closer look at the various accessories and smaller components that come with the kit, such as the audio cable, guitar strings, copper foil tape, truss rod cover, tuning pegs, allen wrench, bridge, switch and knob assembly, pickups, back cover, guitar strap, and various screw kits.

3. ASSEMBLY INSTRUCTIONS

The Leo Jaymz IB 4S kit is designed for straightforward assembly with plug-in connections, eliminating the need for

soldering. Follow these steps carefully.

3.1. Neck and Body Attachment

1. Carefully align the neck with the neck pocket on the body. Ensure a snug fit.
2. Secure the neck to the body using the provided neck plate and screws. Tighten screws evenly to avoid stress on the wood.



Figure 3.1: Roasted Maple Neck

This image shows the roasted maple neck from multiple angles, highlighting its construction and the laurel wood fingerboard.

GUITAR BODY

Selected paulownia body, with pre reserved holes for easy guitar assembly.



Figure 3.2: Roasted Ash Guitar Body

This image displays the roasted ash guitar body, showcasing its pre-drilled cavities for pickups and controls, and the precise screw holes for easy assembly.

3.2. Installing Tuning Pegs and Bridge

1. Install the four tuning pegs into the pre-drilled holes on the headstock. Secure them with the provided screws and

bushings.

2. Mount the bridge onto the body using the designated screw holes. Ensure it is straight and securely fastened.

MAPLE HEADSTOCK

The guitar headstock is made of maple. 6 alloy tuning pegs are installed on the headstock.



Sturdy & Durable



Alloy Material

laurel wood fingerboard

LeoJaymz®

Figure 3.3: Maple Headstock with Tuning Pegs

This image shows a detailed view of the maple headstock with the tuning pegs properly installed, emphasizing their sturdy alloy construction.

3.3. Wiring and Electronics

The wiring system features plug-in connections for simplified assembly.

1. Install the pickups into their respective cavities.
2. Connect the pickup wires to the main wiring harness using the plug-in connectors. Ensure connections are firm.
3. Install the control knobs and switch into the pre-drilled holes on the body. Connect their wires to the harness.
4. *Optional:* Apply the provided copper foil tape to the inside of the pickup and control cavities. This helps reduce electromagnetic interference and noise.
5. Once all wiring is connected, carefully place the wiring harness and components into the control cavity.
6. Attach the back cover to the control cavity using the small screws.

SIMPLE INSTALLATION

All wire are plug-in connections, eliminating welding work and facilitating assembly.



Plug and play, no welding



No need punching



Just insert it



Leo Fender®

Figure 3.4: Plug-and-Play Wiring

This image illustrates the simple plug-in connection system for the wiring, highlighting that no soldering is required for assembly.

3.4. Stringing and Final Touches

1. Install the bass strings through the bridge and over the nut, winding them onto the tuning pegs.
2. Attach the guitar strap buttons to the body. The kit includes an upgraded strap buckle for easy removal.
3. Perform initial tuning and check all connections.



Figure 3.5: Upgraded Strap Buckle and Brand Logo

This image highlights the upgraded guitar strap buckle, designed for easier attachment and removal, and also shows the Leo Jaymz brand logo on the guitar body.

4. OPERATING YOUR BASS GUITAR

Once assembled, your Leo Jaymz IB 4S bass guitar operates like any standard electric bass.

- **Tuning:** Use the tuning pegs to adjust the pitch of each string. Standard bass tuning is E-A-D-G (from thickest to thinnest string).
- **Connecting to an Amplifier:** Use the provided audio cable to connect the bass's output jack (6.35mm) to your bass amplifier.
- **Volume and Tone Controls:**
 - **Volume Knob:** Controls the overall output level of the guitar.
 - **Tone Knob:** Adjusts the treble frequencies, allowing you to brighten or darken your sound.
- **Playing:** Practice proper posture, fretting technique, and plucking/picking methods to produce sound.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your bass guitar.

- **Cleaning:** Wipe down the body, neck, and strings with a soft, dry cloth after each use to remove sweat and grime.
- **String Replacement:** Replace strings regularly (e.g., every 1-3 months depending on usage) to maintain tone and playability.
- **Truss Rod Adjustment:** The truss rod, accessible via the headstock, allows for neck relief adjustments. If you notice excessive bowing or back-bowing of the neck, use the provided Allen wrench for minor adjustments. *Consult a professional if unsure.*
- **Fretboard Care:** Periodically clean and condition the laurel wood fingerboard to prevent drying and cracking.
- **Storage:** Store the bass in a stable environment, away from extreme temperature changes and humidity fluctuations.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions.

Problem	Possible Cause	Solution
No sound from amplifier	<ul style="list-style-type: none"> • Cable not fully inserted • Amplifier off or volume low • Loose wiring connection inside bass 	<ul style="list-style-type: none"> • Ensure cable is fully inserted into bass and amp. • Check amplifier power and volume settings. • Open control cavity and check all plug-in connections.
Excessive hum or buzzing	<ul style="list-style-type: none"> • Poor grounding/shielding • Interference from other electronics 	<ul style="list-style-type: none"> • Ensure copper foil tape is properly applied and making contact. • Check for loose ground wires. • Move away from fluorescent lights or computer monitors.
Strings buzzing on frets	<ul style="list-style-type: none"> • Low string action • Neck relief issue (too straight) 	<ul style="list-style-type: none"> • Adjust bridge saddle height. • Adjust truss rod to add slight neck relief (clockwise to tighten, counter-clockwise to loosen).

7. SPECIFICATIONS

Feature	Detail
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Model Number	IB 4S
Brand	Leo Jaymz
Instrument Type	Electric Bass Guitar (DIY Kit)
Number of Strings	4
Body Material	Roasted Ash Wood
Neck Material	Roasted Maple
Fretboard Material	Laurel Wood (24 frets)
String Material	Nickel
Connector Type	6.35mm Jack
Item Weight	13.52 pounds (6.15 kg)
Package Dimensions	36.1 x 23.5 x 3.6 inches
First Available Date	March 7, 2024

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms or direct customer support contacts for the Leo Jaymz IB 4S DIY Electric Bass Guitar Kit was not provided in the product data. Please refer to the seller's or manufacturer's official website for the most up-to-date warranty information and support channels.

For general inquiries or assistance with assembly, you may also visit the [Leo Jaymz Store on Amazon](#).

