Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

VSN LT-901

VSN LT-901 Chromatic Guitar Tuner Pedal User Manual

Model: LT-901

1. Introduction

Thank you for choosing the VSN LT-901 Chromatic Guitar Tuner Pedal. This manual provides essential information for the safe and effective use of your new tuner pedal. Please read it thoroughly before operation and retain it for future reference.

2. Product Overview

The VSN LT-901 is a compact and highly accurate chromatic tuner pedal designed for electric guitars and basses. It features a bright LED display, true bypass circuitry, and a robust metal casing for durability.

Key Features:

- **Fast & Accurate Tuning:** Experience speedy tuning with 1 cent precision. Tuning range is A0 (27.5Hz) to C8 (4186Hz).
- **Two Modes:** Offers a tuning mode that mutes the signal for silent tuning and a bypass mode for direct signal pass-through.
- **True Bypass:** Improved analog circuit ensures real signal pass-through without tone loss when the tuner is disengaged.
- **Easy to Read Display:** Deluxe LED display provides clear tuning results. The color and brightness of the LED beads match the mini LCD screen for optimal visibility.
- **Durable Construction:** Made of high-quality zinc alloy, ensuring durability and sturdiness.
- **Compact Size:** Mini size saves valuable space on your pedalboard.

Components:

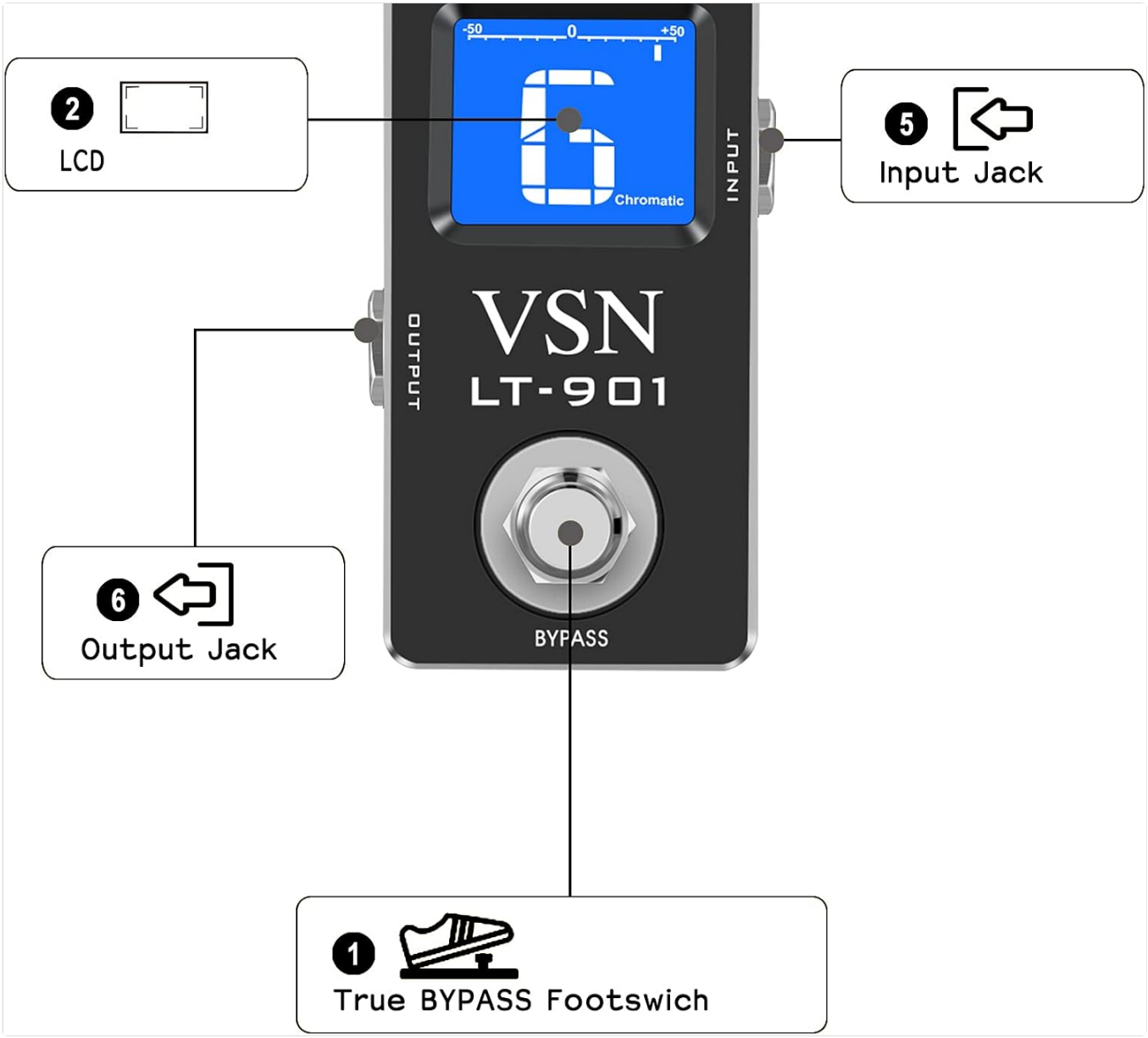


Figure 2.1: Front View with Labeled Components

1. True Bypass Footswitch, 2. LCD, 5. Input Jack, 6. Output Jack.

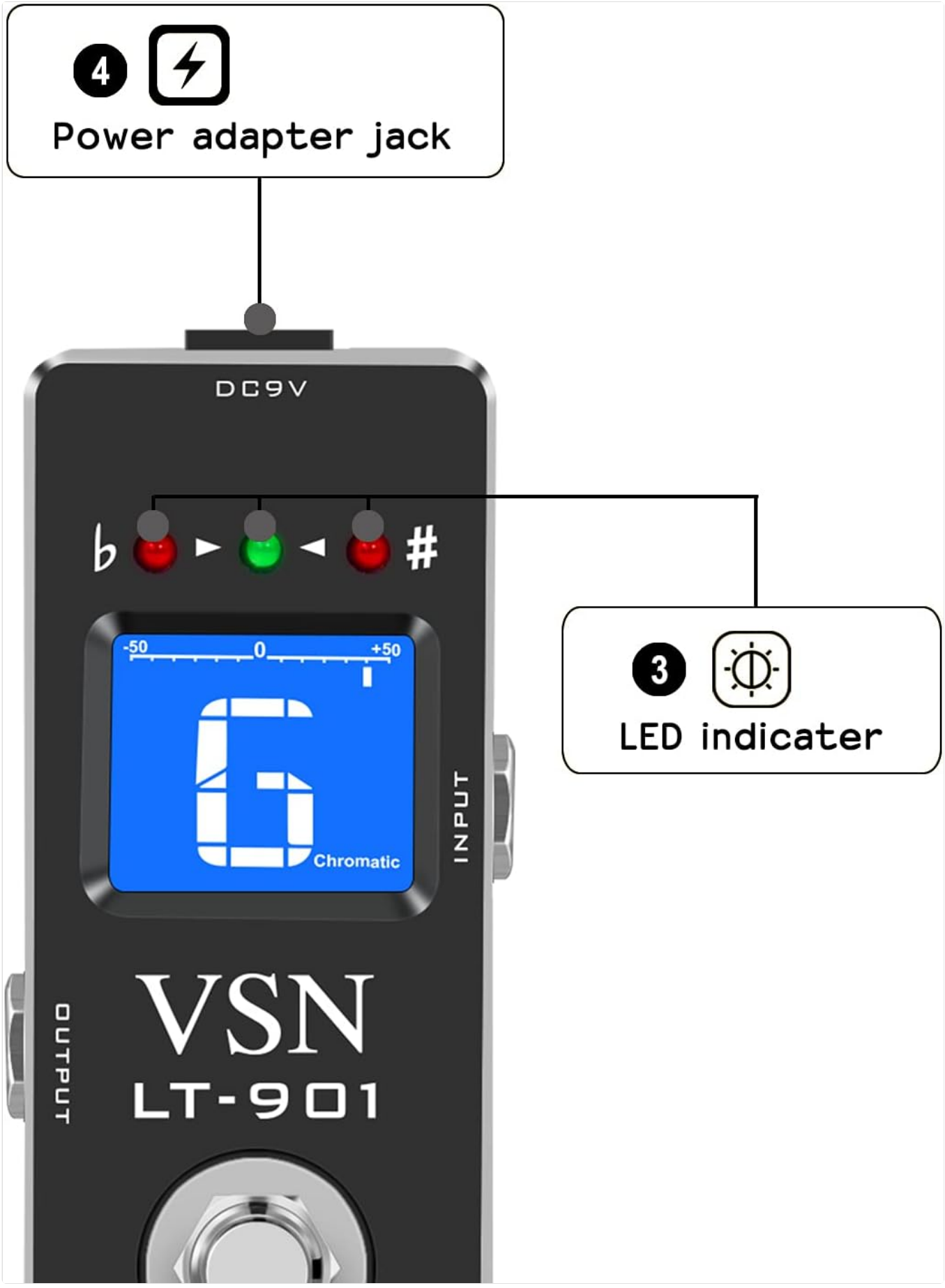


Figure 2.2: Top View with Labeled Components

3. LED Indicator, 4. Power Adapter Jack.

3. Setup

Follow these steps to set up your VSN LT-901 Tuner Pedal:

1. **Power Connection:** Connect a 9V DC power adapter (center negative, 500mA current) to the Power Adapter Jack (4). **Note:** The power adapter is not included. Using an improper power supply may damage the pedal. This product does not have a battery compartment.
2. **Input Connection:** Connect your electric guitar or bass to the Input Jack (5) using a 1/4 inch mono audio cable.
3. **Output Connection:** Connect the Output Jack (6) to your amplifier or other effects pedals using a 1/4 inch mono audio cable.

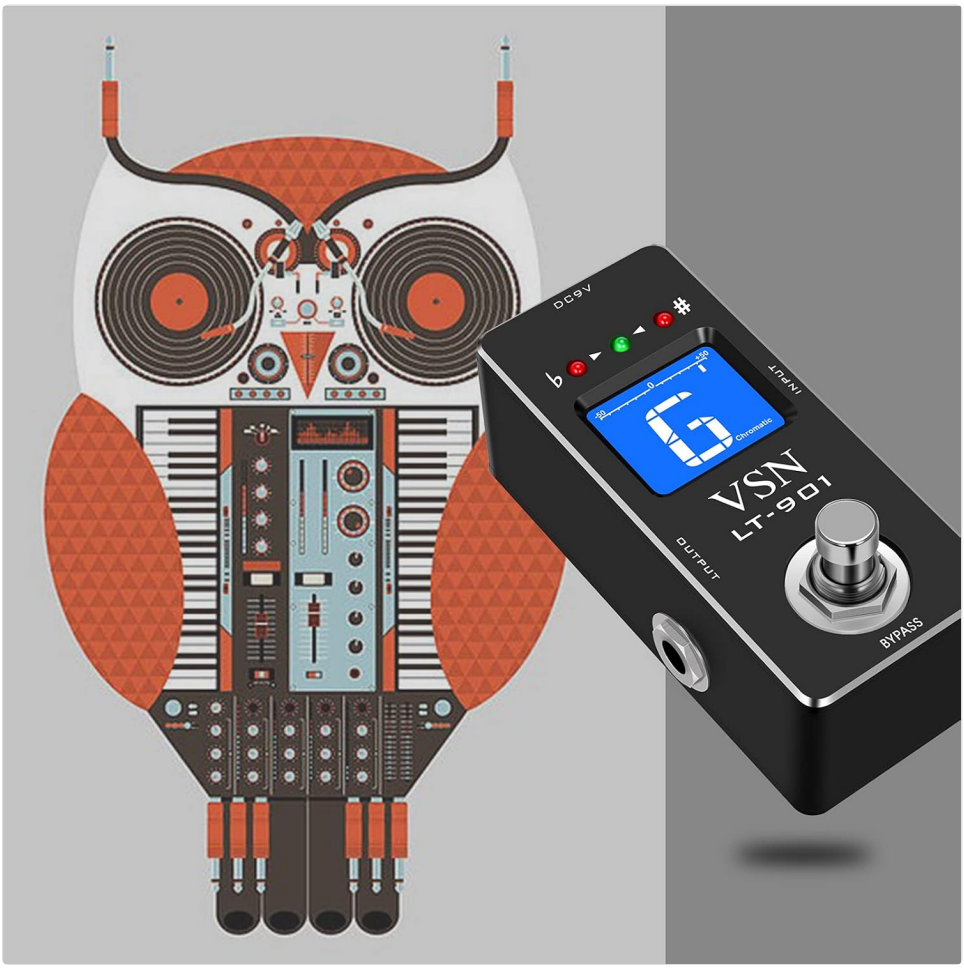


Figure 3.1: Typical Setup Diagram
This image shows the VSN LT-901 Tuner Pedal connected in a signal chain, with input from a guitar and output to an amplifier.

4. Operating Instructions

The VSN LT-901 Tuner Pedal offers two primary modes: Tuning Mode and Bypass Mode.

4.1. Engaging/Disengaging the Tuner

Press the True Bypass Footswitch (1) to toggle between Tuning Mode and Bypass Mode.

- When the tuner is engaged (Tuning Mode), the signal output is muted, allowing for silent tuning.
- When the tuner is disengaged (Bypass Mode), the signal passes directly through the pedal to your amplifier without any alteration.

4.2. Tuning Mode Operation

In Tuning Mode, the LCD (2) and LED Indicators (3) will activate to guide your tuning process.

1. **Strum a Single String:** Play a single note on your instrument. The pedal will detect the note and display it on the LCD.
2. **Read the Display:**
    - The large letter on the LCD indicates the detected note (e.g., E, A, D, G, B).
    - The horizontal bar graph and small indicators above the LCD show how sharp or flat the note is.
    - The LED Indicators (3) will light up: red for flat (b), green for in-tune, and red for sharp (#).
3. **Adjust Your Instrument:** Turn your instrument's tuning pegs until the note displayed on the LCD is correct, the bar graph is centered, and the green LED indicator lights up.



Figure 4.1: Flat Note Indication

The display shows a note that is flat, indicated by the 'b' symbol and red LED.



Figure 4.2: In-Tune Indication

The display shows a note that is perfectly in tune, indicated by the green LED.



Figure 4.3: Sharp Note Indication

The display shows a note that is sharp, indicated by the '#' symbol and red LED.

4.3. Operational Video

Your browser does not support the video tag.

This video demonstrates the VSN LT-901 Tuner Pedal in action, showcasing its silent tuning feature and stable note detection. It illustrates how to engage the tuner, tune a guitar string, and disengage the tuner for playing.

5. Maintenance

To ensure the longevity and optimal performance of your VSN LT-901 Tuner Pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and internal components.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, disconnect the power supply.
- **Handling:** Handle the pedal with care. Avoid dropping it or subjecting it to strong impacts, which can damage the internal circuitry or casing.

- **Power Supply:** Always use a compatible 9V DC (center negative, 500mA) power supply. Incorrect power can lead to malfunction or permanent damage.

6. Troubleshooting

If you encounter issues with your VSN LT-901 Tuner Pedal, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pedal does not power on.	Incorrect or faulty power supply.	Ensure a 9V DC (center negative, 500mA) power adapter is correctly connected and functional. Check the power outlet.
No sound when tuner is bypassed.	Incorrect cable connection or faulty cables.	Verify all audio cables are securely connected to the Input and Output Jacks. Test with different cables.
Tuner display is inaccurate or unstable.	Weak signal from instrument or external interference.	Ensure your instrument's volume is adequate. Minimize external noise sources. Check instrument's output jack and cable for issues.
Tuner does not mute signal in tuning mode.	Pedal is not in tuning mode.	Press the True Bypass Footswitch to ensure the tuner is engaged. The display should be active.

7. Specifications

Feature	Detail
Model Number	LT-901
Tuning Range	A0 (27.5Hz) ~ C8 (4186Hz)
Tuning Precision	± 1 Cent
Power Supply	9V DC (center negative, 500mA)
Item Weight	7.8 ounces (approx. 221g)
Product Dimensions	3.74"L x 1.49"W x 2.04"H (9.5 x 3.8 x 5.2 cm)
Body Material	Metal (Zinc Alloy)
Connector Type	1/4 inch mono audio jack
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Color	Black

8. Warranty

VSN products are manufactured to high-quality standards. For detailed warranty information, including coverage, duration, and claims process, please refer to the official VSN website or contact VSN customer support directly. Please retain your

proof of purchase for any warranty claims.

9. Support

For technical assistance, product inquiries, or further support, please visit the official VSN website or contact VSN customer service through the contact information provided on their website. Our support team is available to help you with any questions or issues you may have.

© 2026 VSN. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B093B9JDJL

More documents and user manuals: **https://manuals.plus/**