

Rowin LT-901

Rowin LT-901 Chromatic Guitar Tuner Pedal

Instruction Manual

1. INTRODUCTION

Thank you for purchasing the Rowin LT-901 Chromatic Guitar Tuner Pedal. This high-precision tuner is designed for guitar and bass, offering fast and accurate tuning with a clear LCD display. Its true bypass feature ensures your instrument's tone remains unaffected when the tuner is disengaged. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your LT-901 pedal.

2. PRODUCT FEATURES

- **High Accuracy & Fast Response:** Experience speedy tuning with 1 cent precision.
- **Dual Independent Channel Mode:** Allows for silent tuning by muting the signal output.
- **Easy-To-Read LCD Display:** Black-light LCD screen provides clear and bright tuning results in any lighting condition.
- **True Bypass:** Improved analog circuit ensures real signal pass-through without tone loss when the tuner is off.
- **Compact Design:** Mini and lightweight for easy integration into any pedalboard.

Intuitive Control Interface

Lightning-Fast Tuning Encounter

1. ± 1 Cent

Offers high-fidelity pitch adjustment, Instantaneous response design

2. A0 to C8

Supports A0 to C8 wide tuning spectrum, covering the tuning requirements of diverse instruments

3. LCD Screen

Provides clear tuning feedback even from a distance

4. LED Bead

Tuning results are clearly displayed in all lighting conditions.

5. True Bypass

Assures that the tuner has no impact on the guitar signal



Figure 2.1: Intuitive Control Interface and Key Features of the Rowin LT-901 Tuner Pedal.

3. SETUP

3.1 Power Supply

The Rowin LT-901 requires a DC 9V power supply. The plug polarity is positive on the barrel and negative in the center. **Note: The DC 9V adapter power supply is not included with this product.**

9V Power Adapter Jack



Figure 3.1: Power Adapter Jack and Polarity Diagram.

3.2 Connections

1. Connect your instrument (guitar, bass, etc.) to the **INPUT** 1/4" monaural jack on the right side of the pedal.
2. Connect the **OUTPUT** 1/4" monaural jack on the left side of the pedal to your amplifier or the next pedal in your signal chain.
3. Plug the DC 9V power adapter into the power jack.



Figure 3.2: Input and Output Connections on the Rowin LT-901.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The pedal powers on automatically when a power supply is connected. To engage the tuner, step on the footswitch. The LCD display will illuminate, and the signal will be muted for silent tuning. Step on the footswitch again to disengage the tuner and return to true bypass mode, allowing your instrument's signal to pass through unaffected.

4.2 Tuning Modes

The LT-901 operates in chromatic mode, automatically detecting the note you play across a tonal range of 12Hz to 4186Hz (C8). It is suitable for tuning guitars, basses, violins, and other electronic musical instruments.

Notice

DC 9V



Central Negative



FOR ALL ELECTRONIC MUSICAL INSTRUMENT



Keyboard



Mixer



Vocal



Drum



Guitar



Violin

Figure 4.1: Versatile Tuning for Various Instruments.

4.3 Reading the Display

- The large LCD screen will show the detected note.
- An LED indicator will show the tuning state: red for flat, green for in tune, and red for sharp.
- Adjust your instrument's tuning pegs until the display shows the correct note and the LED indicator turns green.

5. SPECIFICATIONS

Feature	Description
Tonal Range	12Hz~4186Hz (C8)
Input	1/4" Monaural Jack (Impedance: 100K Ohms)
Output	1/4" Monaural Jack (Impedance: 0 Ohms)

Power Supply	DC 9V (plug polarity: positive on barrel, negative in center)
Working Current	90mA
Dimensions	95(D)*45(W)*48(H)mm (Approx. 3.7 x 1.5 x 2 inches)
Weight	268g (With box) / 5.9 ounces (Item Weight)
Body Material	Plastic



Figure 5.1: Compact Dimensions of the Rowin LT-901 Tuner Pedal.

6. MAINTENANCE

- Keep the pedal clean by wiping it with a soft, dry cloth.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the unit yourself, as this may void the warranty and cause damage.

- Disconnect the power supply when the pedal is not in use for extended periods.

7. TROUBLESHOOTING

- **No Power:** Ensure the DC 9V power adapter is correctly connected and functioning. Check the polarity of the power plug.
- **No Sound Output:** Verify all cables are securely connected. Ensure the tuner is disengaged (true bypass mode) if you expect sound to pass through.
- **Inaccurate Tuning:** Check that your instrument's output is strong enough. Ensure the pedal is on a stable surface and not picking up external vibrations if using a microphone input (though this model primarily uses instrument input).
- **Display Not Responding:** Disconnect and reconnect the power supply. If the issue persists, contact customer support.

8. WARRANTY AND SUPPORT

Rowin products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official Rowin website. Please retain your proof of purchase for warranty claims.