

## Electro-Harmonix EHX-TUNER-V2

# Electro-Harmonix 2020-2.0 Pedal Tuner User Manual

## 1. INTRODUCTION

The Electro-Harmonix 2020-2.0 Pedal Tuner is a compact and accurate chromatic tuner designed for guitar and bass. It features a high-visibility display and offers switchable True Bypass or Buffered Bypass modes for seamless integration into any pedalboard setup. This manual provides essential information for the proper setup, operation, and maintenance of your tuner.

Key features include:

- Chromatic pedal tuner with a tuning range of B0 to B7.
- Switchable True Bypass / Buffered Bypass for flexible signal routing.
- Output muting when engaged, ideal for live performance.
- High accuracy of +/- 1 cent.
- Adjustable calibration from 436-445Hz (1 Hz steps).
- Three flat tuning modes.
- Includes power adapter.





Figure 1: Front view of the Electro-Harmonix 2020-2.0 Pedal Tuner.

## 2. SETUP

## 2.1 Power Connection

Connect the included 9V DC power adapter to the 'DC 9V' input jack located on the rear of the pedal. Ensure the power supply meets the specified voltage and polarity requirements (center negative).



Figure 2: Power input and Buffer switch on the rear of the pedal.

## 2.2 Audio Connections

- **Input:** Connect your instrument (guitar, bass, etc.) to the 'IN' jack on the right side of the pedal.
- **Output:** Connect the 'OUT' jack on the left side of the pedal to your amplifier or the next pedal in your signal chain.



DC 9V  
⊕ ⊖

EHX-2020-2.0



IN

PITCH

FLAT



NI





Figure 3: Input and Output jacks.

## 2.3 Bypass Mode Selection

The 2020-2.0 Pedal Tuner offers two bypass modes: True Bypass and Buffered Bypass. Use the 'BUFFER OFF ON' switch on the rear of the pedal to select your preferred mode.

- **OFF (True Bypass):** When the tuner is disengaged, your instrument's signal passes directly through the pedal without any electronic buffering. This preserves the original tone but may lead to signal degradation over long cable runs or complex pedal chains.
- **ON (Buffered Bypass):** When the tuner is disengaged, a high-quality buffer circuit maintains signal integrity, preventing tone loss over long cables or through multiple pedals. This is generally recommended for larger pedalboards.

## 3. OPERATION

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### 3.1 Engaging the Tuner

Press the footswitch to engage the tuner. When engaged, the display will activate, and the pedal's output will be muted, allowing for silent tuning during performances.

### 3.2 Reading the Display

The large, bright display shows the note being played and indicates whether it is sharp, flat, or in tune. The central bar indicates perfect pitch, while bars to the left indicate flat and bars to the right indicate sharp.



**The pedal's output is muted when the tuner is engaged which makes it ideal for live performance**

Figure 4: Tuner display indicating a slightly flat 'E' note.

### 3.3 Calibration

The standard calibration (A4) is 440Hz. To adjust the calibration, press and hold the 'PITCH' button. The display will show the current calibration frequency. Use the 'PITCH' button to decrease the frequency and the 'FLAT' button to increase it. The calibration range is 436-445Hz in 1Hz steps. Release the button to set the new calibration.

### 3.4 Flat Tuning Modes

The tuner supports three flat tuning modes. To cycle through these modes, press the 'FLAT' button. Each press will add a flat symbol (b, bb, bbb) to the display, indicating tuning down by a semitone, two semitones, or three semitones, respectively. Pressing it a fourth time will return to standard tuning.

## 4. MAINTENANCE

To ensure the longevity and optimal performance of your Electro-Harmonix 2020-2.0 Pedal Tuner, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the pedal. Avoid abrasive cleaners or solvents,

which can damage the finish.

- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and humidity.
- **Handling:** Handle the pedal with care. Avoid dropping it or subjecting it to strong impacts.
- **Power:** Always use the specified 9V DC power adapter. Disconnect power when the pedal is not in use for extended periods.

## 5. TROUBLESHOOTING

If you encounter issues with your Electro-Harmonix 2020-2.0 Pedal Tuner, refer to the following common troubleshooting steps:

- **No Power/Display:**
  - Ensure the 9V DC power adapter is correctly connected to the pedal and a working power outlet.
  - Verify the power adapter is functioning correctly.
- **Inaccurate Tuning:**
  - Check the calibration setting (A4). Ensure it is set to your desired frequency (e.g., 440Hz).
  - Ensure your instrument is properly intonated.
  - Check for any loose connections in your signal chain.
- **No Sound from Output:**
  - Confirm the tuner is disengaged (footswitch not pressed) if you expect sound to pass through. The output is muted when the tuner is active.
  - Check all audio cables for proper connection and functionality.
  - Verify the 'BUFFER' switch setting.

## 6. SPECIFICATIONS

| Feature            | Specification   |
|--------------------|---|
| Model Number       | EHX-TUNER-V2  |
| Tuning Range       | B0 to B7  |
| Accuracy           | +/- 1 cent  |
| Calibration Range  | 436-445Hz (1 Hz steps)                                |
| Bypass Type        | Switchable True Bypass / Buffered Bypass              |
| Power Supply       | 9V DC (center negative, adapter included)             |
| Item Weight        | 12.3 ounces (approx. 348 grams)                       |
| Product Dimensions | 3.75 x 1.5 x 1.25 inches (approx. 9.5 x 3.8 x 3.2 cm) |

## 7. WARRANTY INFORMATION

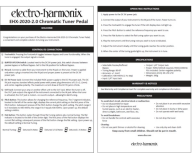
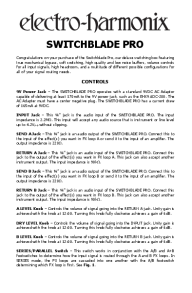
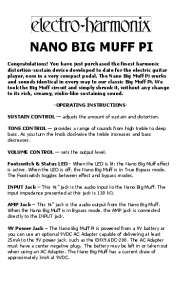
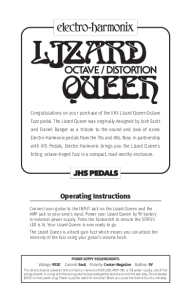
Electro-Harmonix products are designed for reliability and performance. For detailed warranty information,

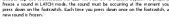
please refer to the warranty card included with your product or visit the official Electro-Harmonix website. Warranty terms typically cover defects in materials and workmanship for a specified period from the date of purchase.

## 8. SUPPORT

For further assistance, technical support, or service inquiries regarding your Electro-Harmonix 2020-2.0 Pedal Tuner, please contact Electro-Harmonix customer support or visit their official website. You can find contact details and additional resources at the [Electro-Harmonix Store](#) or their main corporate website.

### Related Documents - EHX-TUNER-V2

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|---|---|
|    | <p><a href="#">Electro-Harmonix EHX-2020-2.0 Chromatic Tuner Pedal - User Guide</a></p> <p>Comprehensive guide to the Electro-Harmonix EHX-2020-2.0 Chromatic Tuner Pedal, covering controls, operation, specifications, and important precautions for musicians.</p>   |
|   | <p><a href="#">Electro-Harmonix Switchblade Pro: User Manual and Configuration Guide</a></p> <p>Comprehensive guide to the Electro-Harmonix Switchblade Pro, a versatile audio effects pedal switcher. Learn about its controls, signal routing options, advanced features, and warranty information for musicians.</p>   |
|  | <p><a href="#">Electro-Harmonix Nano Big Muff Pi User Manual and Product Information</a></p> <p>Detailed information on the Electro-Harmonix Nano Big Muff Pi guitar effects pedal, including operating instructions, controls, power requirements, battery replacement, and warranty details. Learn how to get the best sound from this compact distortion-sustain device.</p> |
|  | <p><a href="#">Electro-Harmonix Lizard Queen Octave/Distortion Fuzz Pedal - Operating Manual</a></p> <p>Operating instructions, controls, specifications, and warranty information for the Electro-Harmonix Lizard Queen Octave/Distortion Fuzz pedal, designed in partnership with JHS Pedals.</p>   |



Detailed guide to the Electro-Harmonix Superego Synth Engine, covering its modes (Latch, Momentary, Auto), controls (Speed/Layer, Gliss, Dry, Effect), footswitch operation, connections, and warranty information.



User guide for the Electro-Harmonix Good Vibes Analog Modulator guitar pedal, detailing its features, controls, operation, warranty information, and FCC compliance.