

# electro-harmonix

## EHX-2020-2.0 Chromatic Tuner Pedal

### WELCOME

Congratulations on your purchase of the Electro-Harmonix EHX-2020-2.0 Chromatic Tuner Pedal, a convenient and complete solution to tuning your instrument.

### CONTROLS & CONNECTIONS

- 1) **Footswitch:** Pressing the Footswitch toggles between bypass and tuner functionality. When the tuner is engaged, the output signal is muted.
- 2) **BUFFER OFF/ON Switch:** Located next to the DC 9V power jack, this switch chooses between passive bypass or buffered bypass. Set to the ON position for buffered bypass.
- 3) **IN Jack:** Connect a cable from your instrument to the IN jack on the tuner. Power is applied only when a plug is inserted into the IN jack and proper power is present at the DC 9V power jack.
- 4) **DC 9V Power Jack:** Connect the included 9VDC power supply to the DC 9V power jack. The DC 9V jack requires standard effects pedal power with power plug dimensions of 5.5 x 2.1 (mm) and center-negative polarity. The maximum current draw at the DC 9V jack is 15mA.
- 5) **OUT Jack:** Connect your amp or another effect unit to the OUT Jack. When the tuner is off, the OUT jack outputs the signal of the instrument connected to the IN jack. When the tuner is activated, the OUT jack is muted—no sound is output—allowing for silent tuning.
- 6) **Pitch Button:** This button allows for changing the reference frequency. The 7-segment indicator, located to the left of the center digit, displays the current pitch setting on the first press of the Pitch button. Subsequent presses of the Pitch button change the pitch setting. The pitch range 0 to 5 translates to 440-445Hz; the range 6 to 9 equals 436-439Hz. Upon power up, the default setting is 440Hz.
- 7) **Flat Button:** This button cycles through three flat tuning options plus normal tuning. The flat indicator is located to the left of the center digit. The first press of the Flat button displays the current flat setting; subsequent presses of the Flat button change the flat setting. Upon power up, the default setting is Normal Tuning.

Normal Tuning:  Detuned 1/2 Note:  Detuned 1 Full Note:  Detuned 1 1/2 Notes: 

### OPERATING INSTRUCTIONS

1. Apply power to the DC 9V power jack.
2. Connect the output of your instrument to the IN jack of the tuner. Power turns on.
3. Press the Footswitch to engage the tuner if the LED display does not light up.
4. Press the Pitch Button to select the reference frequency you want to use.
5. Press the Flat Button to select the flat tuning option you want to use.
6. Play the instrument until the tuning note you wish to tune is indicated.
7. Adjust the instrument slowly until the tuning guide reaches the center position.
8. When the center of the tuning guide lights up, the instrument is in tune.

### SPECIFICATIONS

- Selectable Passive/Buffered Bypass
- Tuning Range: B0-B7
- Accuracy: +/- 1cent
- Calibration: 436-445Hz (1 Hz step)
- Input: 1/4" Input Jack
- Output: 1/4" Output Jack
- Power: 9VDC/100mA required, 9VDC/1000mA PSU included. Center-negative polarity.
- Dimensions (mm): 46 x 94 x 50
- Weight: 260g

### WARRANTY & NOTICES

See Warranty and Compliance insert for complete warranty and compliance information.

### PRECAUTIONS

**To avoid short circuit, electrical shock or malfunction:**

- Do not disassemble for repair
- Do not place in high temperature and humid spaces, such as an electric heater, direct sunlight, bathroom, wet floor, etc.
- Do not place in an area with excessive vibration
- Do not place in dusty or dirty space
- Do not operate with wet hands

**To avoid breakdown:**

- Do not handle the controls with excessive force
- Do not drop the tuner

**Cleaning:**

- Do not use paint thinner or alcohol for cleaning
- Use only dry and clean cloth

**Keep away from small children. Should not be put in mouth.**

[www.ehx.com](http://www.ehx.com)

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