Electro-Harmonix PICO POG

Electro-Harmonix Pico POG Polyphonic Octave Generator Pedal User Manual

Model: PICO POG | Brand: Electro-Harmonix

Introduction

The Electro-Harmonix Pico POG is a compact and powerful polyphonic octave generator pedal designed to add octave effects to your guitar signal. It features precise tracking for both single notes and chords, offering sub-octave and octave-up voices in addition to your dry signal. The pedal also includes a versatile tone control with three distinct filter modes to shape your sound. Its small footprint makes it ideal for pedalboards with limited space.

Image: A direct front view of the Electro-Harmonix Pico POG pedal. The pedal is bright red with white control knobs for 'FILTER', 'SUB OCTAVE', 'OCTAVE UP', 'DRY', and 'TONE'. A single footswitch is located at the bottom center. The 'POG NYC+DSP' logo is prominently displayed.

Setup

Power Requirements

The Pico POG operates on a 9-volt power supply. Ensure you use a compatible power adapter to prevent damage to the unit. The power input is located at the rear of the pedal.

Image: A rear view of the red Electro-Harmonix Pico POG pedal, highlighting the circular power input jack. The pedal's compact size is evident.

Connections

- Connect your instrument (e.g., guitar) to the**INPUT** jack on the right side of the pedal.
- Connect the **OUTPUT** jack on the left side of the pedal to your amplifier or the next pedal in your signal chain.

Image: An angled view of the red Electro-Harmonix Pico POG pedal, showing the input and output jacks on its sides. The white control knobs are also visible from this perspective.

Operating the Pico POG

Controls Overview

The Pico POG features four primary control knobs and a footswitch for intuitive sound manipulation:

- **FILTER:** A push-button switch that cycles through the three tone filter modes.
- **SUB OCTAVE:** Controls the volume level of the octave-down signal.
- **OCTAVE UP:** Controls the volume level of the octave-up signal.
- **DRY:** Controls the volume level of your original, unprocessed instrument signal.
- **TONE:** Functions differently based on the selected filter mode (see Filter Modes section).
- **Footswitch:** Engages or bypasses the effect.

Image: A close-up view of the Pico POG pedal, emphasizing the three volume knobs: SUB OCTAVE, OCTAVE UP, and DRY. These controls allow for precise mixing of the different octave voices with the original signal.

Filter Modes

The Pico POG offers three distinct filter modes, selectable via the FILTER button, which significantly alter the pedal's tonal characteristics:

1. **Tilt-EQ (Green LED):** In this mode, the TONE knob acts as a tilt-EQ. Turning it clockwise increases

treble and decreases bass, while turning it counter-clockwise increases bass and decreases treble. The flat frequency response is at the center position. This EQ is applied to all three voices (Dry, Sub Octave, Octave Up).

2. **Low Pass Filter (Red LED):** This mode applies a resonant low-pass filter, cutting higher frequencies from the Sub Octave and Octave Up voices. The TONE knob controls the cutoff frequency.
3. **High Pass Filter (Orange LED):** This mode applies a high-pass filter, cutting lower frequencies from the Sub Octave and Octave Up voices. The TONE knob controls the cutoff frequency.

Image: The Pico POG pedal positioned on a larger pedalboard, illustrating the Low Pass Mode. Text overlay describes how this mode applies a resonant low pass filter to the Sub and Octave Up voices.

Image: The Pico POG pedal on a larger pedalboard, showcasing the High Pass Mode. Text overlay explains that this mode applies a high pass filter, cutting lower frequencies from the Sub and Octave Up voices.

Sound Examples and Applications

The Pico POG's polyphonic tracking and versatile controls allow for a wide range of applications:

- **Thickening Chords:** Blend the Sub Octave and Octave Up voices with your dry signal to create rich, full-bodied chord voicings.
- **Bass Simulation:** Turn up the SUB OCTAVE knob and reduce the DRY and OCTAVE UP levels to transform your guitar into a bass-like instrument.
- **Synth Sounds:** Experiment with the Low Pass Filter mode and adjust the TONE knob to achieve classic synth flute or pad sounds.
- **Organ Tones:** Combine octave voices with a long reverb or Leslie effect for cathedral organ or jazz organ sounds.
- **Vintage Octave Divider:** Drive the pedal into an overdriven amplifier for a vintage octave divider effect.

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Video: An official demonstration of the Electro-Harmonix Pico POG pedal, showcasing its polyphonic octave generation capabilities, various filter modes (Tilt-EQ, Low Pass, High Pass), and applications such

as creating 12-string guitar sounds, bass simulation, synth flutes, and vintage octave divider effects. The video features a guitarist demonstrating the pedal's sounds with different settings.

Maintenance

To ensure the longevity and optimal performance of your Electro-Harmonix Pico POG pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents that could damage the finish or internal components.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power:** Always disconnect the power supply when the pedal is not in use for extended periods.
- **Connections:** Periodically check all cable connections for secure fit and signs of wear.

Troubleshooting

If you encounter issues with your Pico POG, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	Incorrect power supply, loose cables, pedal bypassed.	Verify 9V power supply, check all input/output cables, ensure footswitch is engaged (LED on).
Weak or Distorted Sound	Incorrect gain staging, faulty cables, low battery (if applicable).	Adjust volume knobs, try different cables, ensure proper power.
Octave Tracking Issues	Input signal too low/high, complex chords, old strings.	Ensure a strong, clean input signal. Polyphonic pedals track best with clear notes. Consider fresh strings.

Specifications

- **Model:** PICO POG
- **Brand:** Electro-Harmonix
- **Item Weight:** 1.23 pounds (0.56 Kilograms)
- **Product Dimensions:** 3.65"L x 2"W x 2"H
- **Hardware Interface:** 1/4-inch Audio
- **Signal Format:** Analog
- **Power Source:** Corded Electric
- **Voltage:** 9 Volts

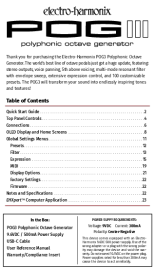
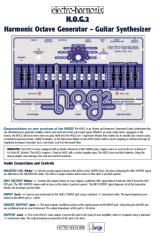
Warranty & Support

Electro-Harmonix products are designed for durability and performance. For specific warranty information, including coverage details and duration, please refer to the warranty card included with your product or visit the official Electro-Harmonix website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Electro-Harmonix customer support directly through their official channels.
You can find more information and contact details on theElectro-Harmonix Store on Amazon or their

official website.

Related Documents - PICO POG

	Electro-Harmonix MICRO POG Polyphoner Oktaven Generator - Handbuch und Spezifikationen Detaillierte Informationen und Bedienungsanleitung für den Electro-Harmonix MICRO POG Polyphoner Oktaven Generator, einschließlich Bedienelemente, Anschlüsse, Klangeinstellungen und Garantieinformationen.
	Electro-Harmonix NANO POG Polyphonic Octave Generator User Manual Learn about the Electro-Harmonix NANO POG Polyphonic Octave Generator. This manual covers its features, controls, power requirements, battery replacement, warranty information, and FCC compliance.
	Electro-Harmonix MICRO POG Polyphonic Octave Generator User Manual User guide and operational notes for the Electro-Harmonix MICRO POG Polyphonic Octave Generator, detailing its features, controls, suggested sound settings, warranty information, and FCC compliance.
	Electro-Harmonix POG3 Polyphonic Octave Generator User Manual User manual for the Electro-Harmonix POG3 Polyphonic Octave Generator, detailing its features, controls, connections, and settings for musicians.

	[Electro-Harmonix POG3 Polyphonic Octave Generator User Manual] Comprehensive user manual for the Electro-Harmonix POG3 Polyphonic Octave Generator, detailing its features, controls, setup, MIDI integration, expression capabilities, and software.
	[Electro-Harmonix HOG2 Harmonic Octave Generator - Guitar Synthesizer User Manual] Comprehensive guide to the Electro-Harmonix HOG2 Harmonic Octave Generator and Guitar Synthesizer, covering its features, controls, expression modes, MIDI functionality, presets, warranty, and FCC compliance.