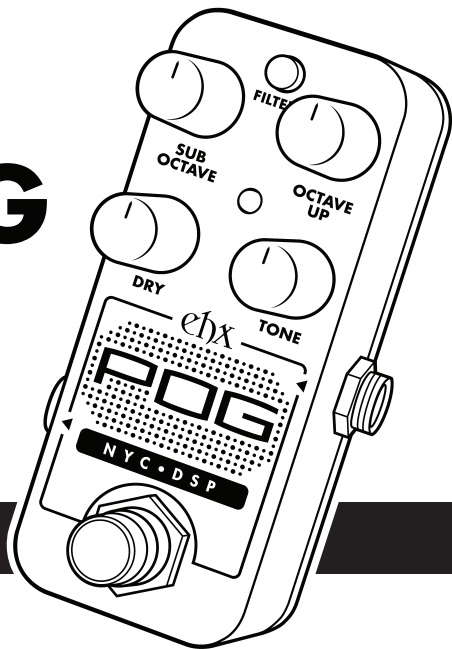


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# PICO POG

User Manual

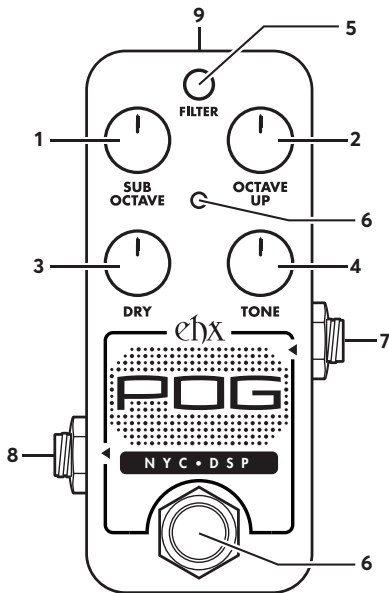


Polyphonic Octave Generator

Welcome to the Electro-Harmonix Pico POG, Polyphonic Octave Generator. Just like the Micro and Nano POGs, the Pico POG generates both high and low octave signals, which you can mix with your dry signal. Whether you play single notes, arpeggios, or full chords, the Pico POG will track every note or chord you play with precision. The Pico POG also features a TONE knob to allow tonal sculpting of your octaves and, in Tone mode, your dry signal as well.

## Operating Instructions

Insert the output plug from the supplied 9VDC AC adapter into the power jack at the top of the Pico POG. The Pico POG must be powered to pass signal, even in bypass—the Pico POG features buffered analog bypass. Connect an instrument cable from your instrument to the Input jack. Connect an instrument cable between the Output jack and a suitable amplifier. Click the footswitch to engage the Pico POG and light the LED.



**Power Supply Requirements:** Voltage: 9VDC Current: 100mA Polarity: Center-Negative

This device comes equipped with an Electro-Harmonix 9.6DC-200 power supply. Use of the wrong adapter or a plug with the wrong polarity may damage the device and void the warranty. Do not exceed 10.5VDC on the power plug. Power supplies rated for less than 100mA may cause the device to act unreliably.

## Controls & Jacks

**1. SUB OCTAVE** Controls volume of lower octave.

**2. OCTAVE UP** Controls volume of upper octave.

**3. DRY** Controls volume of the dry signal.

**4. TONE** Controls frequency response of your signal based on the mode selected by the FILTER Button.

**5. FILTER Button** Press this button to switch between three modes, the color of the LED indicates which mode you are in:

**Green – TONE** In this mode the TONE knob acts as a tilt-EQ, with a flat frequency response in the center, more treble and less bass as you turn the knob clockwise, and less treble and more bass as you turn the knob counterclockwise. This EQ is applied to your sub octave, octave up, and dry signals. Bass boost and cut is a shelving filter at around 300Hz, while treble boost and cut is a shelving filter at around 800Hz.

**Red – LOW PASS FILTER** In this mode, the TONE knob controls the frequency of a resonant low pass filter, which allows low frequencies to pass while cutting higher frequencies. This filter is applied to the sub octave and octave up signals but not the dry signal.

**Orange – HIGH PASS FILTER** In this mode, the TONE knob controls the frequency of a high pass filter, which allows high frequencies to pass while cutting lower frequencies. This filter is applied to the sub octave and octave up signals but not the dry signal.

**6. Footswitch and Status LED** Footswitch engages or bypasses the effect. The LED color indicates the selected filter type. In bypass, the LED is off.

**7. Input Jack** Impedance: 2.2M $\Omega$ , Max In: +1.5 dBu

**8. Output Jack** Impedance: 680 $\Omega$ , Max Out: +2.1 dBu

**9. Power Jack** Current draw: 100mA at 9.0VDC

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Questions about this product? Email: [info@ehx.com](mailto:info@ehx.com)