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# PICO ATTACK DECAY

User Manual

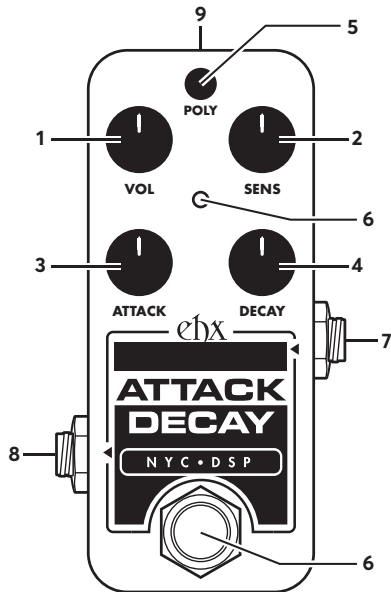
Tape Reverse Simulator



Welcome to the Electro-Harmonix Pico Attack Decay. The original Attack Decay Tape Reverse Simulator is known for producing volume and reverse swells, backward tape sounds, artificially short staccato notes, and bowed instrument effects. In 2019 the digital Attack Decay reissue was released, and now the Pico Attack Decay gives us volume envelope effects in a simplified, compact package. The Pico Attack Decay allows you to dial in volume swells and decays, both in mono mode—one volume envelope for all notes you play—and poly mode—each note has its own volume envelope.

## Operating Instructions

Insert the output plug from the supplied 9VDC AC adapter into the power jack at the top of the Pico Attack Decay. The unit must be powered to pass signal, even in bypass. The pedal features buffered analog bypass or digital bypass depending on settings. 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 Attack Decay 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. VOL** Controls the output volume.
- 2. SENS** Controls the sensitivity of the Pico Attack Decay to new notes. As SENS is turned clockwise, the more easily your playing will trigger and reset the volume envelope.
- 3. ATTACK** As you turn ATTACK knob clockwise, the attack time increases. Turn the ATTACK knob to minimum to disable the attack portion of the envelope.
- 4. DECAY** Sets the fade-out speed of the volume envelopes. As you turn DECAY knob clockwise, the decay time increases. Turn the DECAY knob to maximum to disable the decay portion of the envelope.
- 5. POLY Button** Press this button to choose your volume envelope mode:  
**Green – Mono Mode** The entire signal goes through one volume envelope. Any time you play a new note or chord, the volume envelope resets, affecting every note you are playing or sustaining.  
**Orange – Poly Mode** Each note has its own volume envelope and therefore multiple volume envelopes are active at one time.

- 6. Footswitch and Status LED** Footswitch engages or bypasses the effect. The LED color indicates the envelope type. In bypass mode, 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

## Blend Control

The Pico Attack Decay has a hidden Blend control to allow you to adjust the output mix from 100% dry to 100% wet. Blend is set to 100% wet from the factory. To access Blend, do the following:

1. Press and hold the POLY button
2. After two seconds, the LED begins to blink. Release the POLY button.
3. While the LED is blinking, the SENS knob acts as a Blend control. Turn SENS until you find the perfect balance between wet and dry.
4. To save the Blend setting, press and hold the POLY button again. After two seconds, the LED stops blinking. Blend is now set.

The Blend setting is remembered through power-cycles so you can set it and forget it.

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