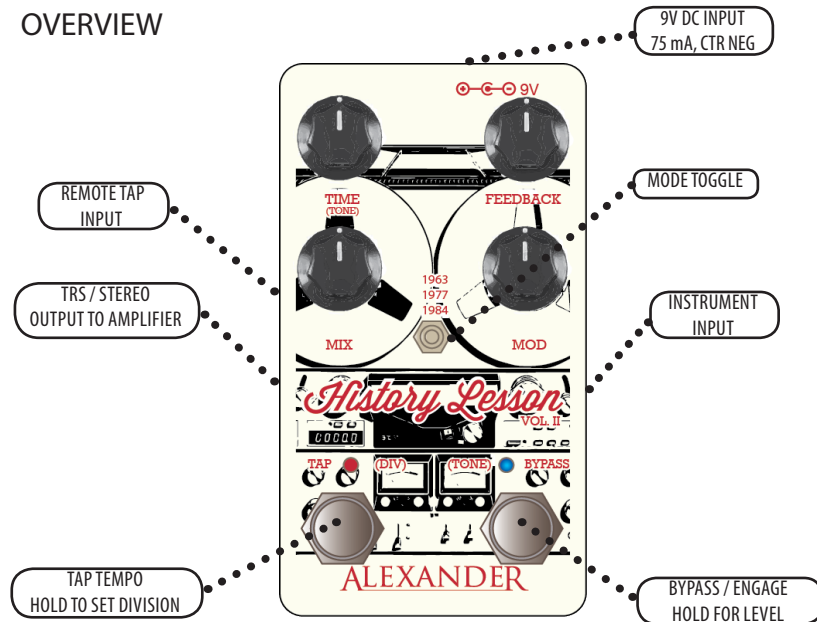


Go back to school with your guide to three decades of delay. The History Lesson Vol.II is majoring in Echo with a minor in Modulation.

The History Lesson Vol.II is our loving homage to the best echoes the past has to offer. We've updated the pedal with stereo outputs, an improved mixer section, and a tone control for maximum versatility while remaining easy to use. So plug in and turn some knobs with us on our journey through the past.

## OVERVIEW



## CONTROLS

**TIME (Tone)** - adjust the delay time from 10ms to 950ms. Turning this knob cancels the Tap Tempo setting. Holding down the Bypass / Tone footswitch lets you adjust the tone of the echo effect. The Tone setting is stored in the memory of the pedal for future use, and it responds differently for each of the modes in the pedal.

**REPEAT** - controls the feedback of the delay. The 1977 mode will go into infinite / runaway feedback.

**MOD** - Adds a luscious modulation to the delay. At 12 o'clock there is no modulation. Clockwise adds a slow chorus and counter-clockwise adds a fast vibrato.

**MIX** - Controls the blend between fully dry (clean) and fully wet (repeat only) echo sound. 12 o'clock is an equal mix of clean and echo.

## MODE TOGGLE

The central toggle switch on the History Lesson Vol.II selects from three echo machines, listed by their year of introduction.

**1963** - Magnetic tape echo, warm and rich. The 1963 mode captures the frequency response of the tape heads and preamp of a vintage tape delay. The Mod knob controls the "wow" or "flutter" of the tape. Each delay repeat loses both treble and bass, for a warm and compressed sound. The Tone knob controls the age of the tape, making the echo brighter or darker.

**1977** - Analog delay, murky and wet. The 1977 mode is based on a classic solid-state analog echo. This mode is capable of infinite repeats for the classic analog delay "spaceship" tone. The Mod knob adds analog chorus or vibrato. The Tone knob controls the analog delay filter.

**1984** - Digital delay, bright and present. The 1984 mode captures the sheen and clarity of the early digital delays. Each repeat sounds just like what you put in, with the classic digital "clang" you will either love or hate. The Mod knob adds wide-ranging pitch modulation, be careful! The Tone control sweeps the delay between low-pass and high-pass filtering for a wide range of delay tones.

## TAP TEMPO AND BYPASS

**Bypass / Level:** Tap to bypass or engage or hold to adjust the delay tone using the Time (Tone) control.

**Tap Tempo / Division** - tap twice to set the delay time. The LED above the Tap switch flashes to indicate the current tempo and division. Hold this footswitch to toggle between quarter-note (green,) eighth-note (red,) or dotted-eighth (orange) subdivisions. The subdivision setting is stored in the memory of the pedal for future use.

## CONNECTIONS AND POWER

**Stereo Output:** The History Lesson Vol.II features a TRS (tip-ring-sleeve) output jack. The tip carries a mix of effected (wet) and clean signals, as determined by the Mix knob. The ring carries a buffered dry signal. Set the Mix control fully wet for the maximum amount of stereo separation.

**Remote Tap Tempo Jack:** Connect a normally-open momentary footswitch to this jack to set the modulation time remotely. Hold down the remote footswitch to change tap divisions.

**Power Supply:** The History Lesson Vol.II requires a 9V DC power supply with a 2.1mm pin, center negative. Power the pedal from an outlet or supply capable of providing at least 75mA of current. The History Lesson Vol.II is not designed to be powered on supplies higher than 9V and does not use a battery. The pedal should work fine on a multi-pedal "daisy chain" connector, but if you encounter excessive noise or hum try a separate power supply.

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404 E. Main St, Garner, NC 27529 (919) 977-6665 alexanderpedals.com