

# Faux AnalogEcho™ faux and Tape Echo™

# WAMPLER™ PEDALS

## Faux Analog Echo and Faux Tape Echo



These delay pedals have been taking over Nashville one masterful session guitarist at a time, and showing up just about anywhere a great sounding delay pedal is needed elsewhere, from New York to France to Italy, and anywhere else there's a music scene looking for some killer delay tone.

Based around carefully selected and rigorously tested, mighty PT2399 chips, the Faux AnalogEcho and Faux Tape Echo circuits allow Brian to combine the note clarity of a sophisticated digital delay's repeat engine with an all-analog dry path (unaffected signal), and fantastic analog tone-shaping (and in the Faux Tape Echo's case, "Faux Tape Reel") circuitry.

What that means to you is that you get a true hybrid pedal with the best of both worlds: no loss of clarity thanks to the one digital chip, but no end to beautiful analog warmth from all the other analog parts which so strongly shape the overall sound of the pedal. From country slap-back to great-sounding longer delays, these are the delays for you.

### Why one manual for both pedals?

Because the Faux AnalogEcho is the firm foundation on which the Faux Tape Echo is built. The Faux Tape Echo takes the great sounding basis of the Faux AnalogEcho, and to that it adds a cool, touch-sensitive "Faux Tape Reel" circuit of Brian's design which can be adjusted to dynamically (rather than predictably) add wow and flutter like an old tape machine to the signal.

The Faux TapeEcho comes in a bigger box to make room for the circuitry, but a switch on its face allows you to turn the adjustable "Movement" off completely. These pedals are sonic brothers-in-arms, and picking the right one for you is just a question of whether you want the Movement found on the Faux Tape Echo, or whether you prefer the smaller box of the Faux AnalogEcho.

To get the most out of your new pedal, you'll want to become very familiar with the controls. They share Level, Repeats, Tone/Shade and Delay controls, which give you a great deal of precision in dialing in the delay itself. The Faux Tape Echo adds a "Faux Tape Reel" On/Off Toggle, as well as a "Movement" control which adjusts the sensitivity of the "Tape Reel" effect. In addition to controls, another shared feature is an all-analog dry path, ensuring that your unaffected signal is as pure coming out as it was going in. As with all Wampler Pedals products, the Faux AnalogEcho/Faux Tape Echo includes high-quality true-bypass switching which takes them completely out of the signal path when bypassed. Experiment and enjoy!

**Bypass Switch** – A true-bypass footswitch ensures solid, mechanical removal of the circuit when it isn't wanted, meaning you don't lose any tone when the pedal is off.

**Volume** – Controls the level of the delayed signal. At low settings, this can be quite subtle, and of course it is strongly interactive with the Tone and Feedback controls. Where it begins to equal or even overtake the dry signal depends on how loud your guitar's output is, but it has a very thorough range of adjustment which allows you to dial in precisely how much wet signal you want.

**Repeats** – This controls the level of feedback into the delay line. Up to a certain point, which depends on other factors (where the Tone knob is set, and how hot your guitar's output is among them), this will just mean more repeats. However, dialed in right (usually meaning with the Repeats knob high and the Tone knob past 10 o'clock or so), the Faux AnalogEcho and Faux Tape Echo pedals are both capable of pleasing oscillation, or feedback that continues on and on once you've played the initial note. There are a lot of neat sounds that you can achieve with oscillation, but pay attention as well to the ambient background you can create if you dial it in until just before the point where it would feedback forever. At that just-before point, it will eventually go away... But not for a long time, if your Delay setting is high enough. With the Level set low, this can give you a beautiful undertone to play over that doesn't get in the way of anything. There's a huge range to be explored on the Repeats knob, that's just one remarkable "sweet spot" that does something many will probably find interesting.

**Tone/Shade** – The Tone knob adjusts the character of the delayed signal, going from a warm (but still clear), darker tone fully counterclockwise to a more "pristine" sound with less rounding off of the high frequencies full clockwise. Useful for dialing in exactly how "analog" or "tape" you want your delay to sound, nonetheless it will always have a basically analog character to its tone, by design, which means not totally pristine repeats, and at longer delay times with the Tone knob set higher, some natural soft distortion on the end of notes. However, it is much less pronounced in that than old BBD fully analog delay chips. That's the beauty of the hybrid approach; in many ways, you can have your cake and eat it, too. At lower tone settings, the pedal may or may not exhibit oscillation, depending on your guitar.

**Delay** – This determines the actual delay time itself. At 9 o'clock and before, you have a quick delay, the "slapback" delay range. At noon, it's about 300-350ms or so, a common limit for some classic analog delays. Past noon, you have up to around 600ms of delay available. Note, the fidelity of the signal will decrease and the amount of soft distortion of the end of notes will increase as you stretch the delay time out farther. It's intended to emulate the behavior of pushed analog/tape delays, and is not unintentional behavior. It is also more noticeable with higher Tone knob settings, so you are free to balance it however you'd like.

**(FTE Only) Faux Tape Reel Toggle Switch** – On the Faux Tape Echo, as mentioned, you've got everything that the Faux AnalogEcho offers, and sometimes that might be all you want! This switch enables you to disengage the Movement functionality entirely, if you want just the classic-voiced delay of the Faux AnalogEcho for a particular project or song.

**(FTE Only) Movement** – This control adjusts the sensitivity of the input-responsive modulation circuit in the Faux Tape Echo. At lower settings, it can be subtle, just slightly (but dynamically, in tune with your playing intensity) altering the delayed signal. At higher settings, it can get quite marked in its effect on the sound. We recommend you start at around 9 o'clock to 10 o'clock for a very tape-like modulation of the signal, and go from there if you want additional effect applied to the delayed signal. The Movement control has no effect on the pedal's sound when the Faux Tape Reel Toggle Switch is set to off.

#### Power Requirements

The pedal can be powered by a 9V battery. The battery terminal is located inside the pedal. However, it is a very current-hungry pedal, and will drain a 9V battery extremely quickly, so we strongly recommend powering it with a power supply. If using a power supply, power needed for the pedal is 9V DC, regulated, center pin negative, as supplied by most standard Boss™/Ibanez™/Etc. supplies. The pedal can be safely powered with a multi-supply, like the Visual Sound 1SPOT™. The pedal was designed explicitly around the usage of a 9V DC power source, and is intended to sound its best at 9V. Internal voltage regulators prevent the voltage from exceeding a set threshold, and using a higher voltage supply will only stress them, not improve the sound of the pedal. To avoid damage to the pedal, do not exceed 9V DC, do not use center pin positive adapters, and do not use AC power. Using an incorrect power adapter can lead to damage and will void the warranty on the pedal. The Faux AnalogEcho pedal draws 29mA, Faux Tape 33mA

**Please note:** If you are using a battery, it will drain when the input cord is plugged in.

#### Return and Warranty Policy

For direct sales, there is a 7-day "no questions asked" period where you may return the pedal for any reason, provided that it is in its original condition. Please retain all packaging within this period in case you decide to return it! We only require that you pay shipping back. The 7 days start when you receive the pedal. This does not apply to dealer or retailer sales – see their individual return policies for specific information.

All Wampler Pedals, Inc. pedals carry a 5-year, fully transferable warranty that covers defects due to parts and labor. The warranty begins at the point of purchase. Please remember to register your pedal as soon as possible after purchase at the following web page to ensure quicker service if you should ever need to make a warranty claim: [www.wamplerpedals.com/warranty\\_registration](http://www.wamplerpedals.com/warranty_registration)

For warranty repairs or questions, please feel free to contact us at [www.wamplerpedals.com/contact\\_us.html](http://www.wamplerpedals.com/contact_us.html)

## Suggested Settings



### Country Slapback

Level adjusted to be even with or slightly lower than your input signal, Repeats fully counterclockwise, Tone at noon or so, Delay set between fully counterclockwise and 9 o'clock; generally, slapback is a 40-50ms delay, and that's low on the Delay knob. Feel free to adjust the Tone control to your preference.



### Great Delay Tone

Level at 10 o'clock, Repeats at 10-11 o'clock, Tone at 2 o'clock, Delay at 1 o'clock



### Dark, Warm Echo

Level at 10 o'clock, Repeats/Echo at 12 o'clock, Tone/Shade at 10 o'clock, Delay at Noon, (FTE Only: Movement at 9 o'clock)



### Swirling Currents Beneath the Waves

Level at 9 o'clock or a bit lower, Repeats at 3 o'clock or higher, Shade/Tone fully counterclockwise, Delay/Echo at 2 o'clock, (FTE Only: Movement at 10 o'clock)

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