

Space Spiral™

The year is 2018 and you can digitally model any amplifier under the sun on a clock radio-type apparatus. You can order a hot dog sandwich on the internet and have it delivered straight to your face. A reality television star is President. Literally anything is possible. What do we do? We decide to build a lo-fi delay based on a processor meant for a cheap karaoke machine. Why? Because it sounds awesome and we are in the business of making things that sound awesome, that's why.

What up, cosmonauts? Welcome to the Space Spiral™! The Space Spiral is a dark and dreamy modulated delay designed to take you across the highways of fantasy. While the delay may be designed around a "dawn of digital" echo processor, the sound is out of this world, man. If you are a fan of the dreary echoes produced by old oil can delays or the ethereal sound of a well-loved tape delay, the Space Spiral is totally going to tickle your tone bone.

The Space Spiral's delay time ranges from a tight 30 ms to a fast and loose 600 ms. Can you imagine having 600 ms of delay time at your fingertips? Out of this world! With all of this adjustable delay time, you create anything from a classic slapback to a rhythmic wash of cosmic proportions. You want to take it even further? Maybe to an astral plane? Crank up the repeats and let the infinite oscillation of the Space Spiral take you to the other side.

The Space Spiral also comes equipped with a powerful on-board modulation engine to take your tones to new zones. Feeling dangerous? Crank up the Depth and let that signal stretch into wild new dimensions! Wanna go further out on the edge with hotter intensity? Use the Shape control to morph the waveform from triangle to square and the Space Spiral will be spreading out her wings, jumpin' off the track and shovin' into overdrive. Is it moving too slowly for you? Can you feel the Space Spiral beggin' you to touch and go? Use the Rate control to adjust the speed to your taste. Get those classic Leslie tones you crave. Get those wild pitch bends you dream about. Make the rate a subdivision of the delay time and fly away to the bright side of the moon.

The Space Spiral has a completely analog dry signal path, totally digital delay path and electronic relay-based true-bypass switching. It is powered by a standard 9-volt DC power supply with a 2.1mm negative center barrel and has a current draw of 50ma.

Each and every Space Spiral is built by the hands of cadets on the red line overload through the starry skies of Akron, Ohio.

Space Spiral™... It'll get you through the night.

Controls

Time: Delay time goes from 30ms to 600ms; Clockwise for long and counterclockwise for short.

Pro Tip: If you have the repeats all the way up into self-oscillation territory, turn the delay time to alter the frequency.

Repeats: Controls the regeneration of the delay signal. Repeats increase clockwise and gradually begin to build into self-oscillation around 3 o'clock. This oscillation will infinitely continue until the Repeats control is brought back down below the 3 o'clock threshold. These oscillations will last even when the pedal is in bypass mode.

Mix: Blends the delay signal in with the dry; Clockwise for more and counterclockwise for less.

Depth: Controls the desired amount of modulation; Clockwise for more and counterclockwise for less.

Shape: Morphs the wave shape from a soothing triangle shape to a choppy square shape as you turn clockwise.

Rate: Controls the speed of the modulation; Clockwise for fast and counterclockwise for short.

Pro Tip: Match the Rate to the delay time (or a subdivision) for some cool rhythmic effects. This is especially awesome in square wave mode with the depth set high.

Flexi-Switching

This device features Flexi-Switch™ Technology! This relay-based, true bypass switching style allows you to simultaneously use momentary and latching style switching.

- For standard latching operation, tap the footswitch once to activate the effect and then tap again to bypass.
- For momentary operation, hold the footswitch down for as long as you'd like to use the effect. Once you release the switch the effect will be bypassed.

Since the switching is relay based, it requires power to pass signal.

Power

The Space Spiral should be powered by a standard 9-volt DC power supply with a 2.1mm negative center barrel. We always recommend pedal-specific, transformer-isolated wall-wart power supplies or multiple isolated-output supplies. Pedals will make extra noise if there is ripple or unclean power. Switching-type power supplies, daisy chains and non-pedal specific power supplies do not filter dirty power as well and let through unwanted noise. Do not run at higher voltages!

Current Draw: 50ma

Input impedance: 1M

Output impedance: <1K

Questions? Comments? Concerns?

Send an email to info@earthquakerdevices.com and we'll help you out.

This device is guaranteed for life (or at least the life of EarthQuaker Devices).