

SUPRO[®]

Delay User's Guide



The Supro Delay is an all-analog pedal that can be tailored to suit a myriad of musical situations while being manipulated in real-time with an assignable expression pedal option.

The **TIME** control sets the length of the echo. At minimum, the delay time is 20ms. At maximum, the delay time is 600ms.

The **LEVEL** control sets the volume of the echo. At minimum, there is no echo, at maximum, the echo is louder than the original signal.

The **REPEATS** control sets the amount of feedback sent from the output of the delay line back into the input of the delay line. At minimum, there is no feedback. In this setting, a single echo will be heard. At maximum the echo signal will regenerate to the point of self-oscillation, creating a resonant "runaway" delay.

The **FILTER** control sets the frequency response of the echo. At minimum, the filter control provides an overall Low Pass (LPF) effect. This produces a darker sounding echo, with less

treble. At maximum, the filter control provides an overall Band Pass (BPF) effect, rolling off both lows and highs to create a "tape echo" effect.

The **EXPRESSION** mini toggle switch selects which knob function is controlled by the expression pedal. In the **UP** position, **LEVEL** is selected. In the **MIDDLE** position, **TIME** is selected. In the **DOWN** position, **REPEATS** is selected.

The **EXPRESSION** jack accepts a 1/4" TRS cable from a standard expression pedal. The expression pedal can be assigned to control either **LEVEL**, **TIME** or **REPEATS** functions. The position of the on-board knob corresponding to the currently selected expression pedal assignment will set the maximum range of the expression pedal.

POWER: The Supro delay runs on standard 9VDC (neg. tip) power only, using internal voltage-doubling to provide the necessary headroom for world-class performance in an all-analog Stompbox. The Supro Delay does not run on batteries.



DRIVE

This groundbreaking analog pedal re-creates the circuitry of a Supro amp from end to end, including a preamp, phase inverter, and an actual output transformer.



TREMOLLO

The Supro Tremolo is designed to recreate two of the most desirable vacuum tube based modulation effects found in American amplifiers of the 1960's.

The Supro Delay is a premium analog echo pedal that delivers up to 600ms of buttery vintage delay. In addition to TIME, REPEATS and LEVEL knobs, the Supro Delay features a unique FILTER control that provides both low-pass and band-pass functions on a single knob. Using a pair of new-production, MN3005 "bucket brigade" IC chips, the Supro Delay achieves the best signal-to-noise ratio and the most headroom available from any analog echo pedal, new or vintage.

Housed in a custom-made anodized aluminum chassis, the Supro Delay features soft-touch, click-free true bypass switching, so no footswitch noise creeps into your delay line. The Supro delay runs on standard 9VDC power, using internal voltage-doubling to provide world-class performance from a compact stompbox. Taking the analog delay pedal platform one step further, Supro Delay offers an Expression port for assignable control of the TIME, REPEATS or LEVEL knobs using a standard TRS expression pedal.

Supro Limited Warranty:

Your Supro effect pedal comes with a 1 year limited warranty on parts and workmanship. During the warranty period we will repair or replace, at our option, defective parts or pedals free of charge, and return them to the owner.

Warranty service does not include damaged, modified, or misused pedals and such pedals will be subject to a standard repair charge.

What you must do: First, contact us directly via email and describe the problem to us. If the problem cannot be resolved we will have you send the pedal directly to us for servicing.

How to contact us for warranty service:

Email: tech@SuproUSA.com

Phone: [631-331-7447](tel:631-331-7447)

Warranty Limitations: This warranty does not cover defects resulting from improper or unreasonable use, accident, unauthorized tampering or modifications; and, warranty shall be considered void if chassis has been opened.

To validate your 1-year, limited warranty, please register your Supro pedal, within 30 days of purchase, on the web at: www.SuproUSA.com/warranty



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