

# SUPRO

## DELAY

### User Manual



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# 1. INTRODUCTION

Our flagship pedal, the Supro Delay offers the vintage echo effects of the 60s and 70s while showcasing the latest in pedal technology. The all-analog Supro Delay comes equipped with a pair of high-voltage MN3005 IC chips capable of producing up to 600ms of delay time, while providing dramatically increased headroom, dynamic range, and clarity. The newly-designed Filter knob ranges from low-pass to band-pass functions, spanning from dark, warm, and murky tones to crisp and bright tape echoes. Additionally, an assignable Expression pedal control provides the player with the ability to switch between Repeats, Time, and Level while maintaining custom knob settings. Runs on standard 9VDC.

# 2. EXPLANATION OF CONTROLS



**1** **Level:** Sets the volume of the echo. At minimum, there is no echo, at maximum, the echo is louder than the original signal. Noon is parity.

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- 2** **Time:** Sets the length of the echo. At minimum, the delay time is 20ms. At maximum, the delay time is 600ms.
- 3** **Filter:** 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.
- 4** **Repeats:** 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.
- 5** **Expression:** 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. Note: The Expression jack accepts a 1/4” TRS cable from a standard expression pedal.

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.

### 3. SUPRO LIMITED WARRANTY

Your new Supro product is warranted to be free from defects in materials and workmanship for 1 year from the original date of purchase. If the product is registered at <http://suprousa.com/warranty>, coverage is extended to two years. Tubes and speakers are covered for 90 days. Warranty applies only to the original retail purchaser of a registered Supro product, subject to the limitations contained in this warranty.

THIS WARRANTY IS EXTENDED TO THE ORIGINAL RETAIL PURCHASER OF SUPRO PRODUCTS BOUGHT ON OR AFTER JANUARY 1, 2020 ONLY AND MAY NOT BE TRANSFERRED OR ASSIGNED TO SUBSEQUENT OWNERS. IN ORDER TO VALIDATE YOUR WARRANTY, AND AS A CONDITION PRECEDENT TO WARRANTY COVERAGE HEREUNDER, YOU MUST REGISTER YOUR PRODUCT WITHIN SIXTY (60) DAYS FOLLOWING THE ORIGINAL DATE OF PURCHASE. YOUR PROOF OF PURCHASE OR SALES RECEIPT MUST ACCOMPANY ALL REQUESTS FOR WARRANTY COVERAGE— YOU MAY SUBMIT YOUR RECEIPT ON THE REGISTRATION FORM. IF YOU DO NOT REGISTER THE PRODUCT WITHIN 60 DAYS OF PURCHASE, YOUR PRODUCT WILL NOT BE SERVICED UNDER WARRANTY.

If your Supro product is destroyed, lost or damaged beyond repair while in the possession of Supro for repair, Supro will replace that product with one of the same or most similar style of a value not in excess of the original purchase price of your product. Any insurance covering the product, including but not limited to collector's value insurance, must be carried by you at your expense.

This warranty covers the cost of both labor and materials on repairs deemed necessary by our Customer Service Representative which includes:

- Amplifiers: 1 year (Extended to 2 if registered)
- Speaker Cabinets: 1 year (Extended to 2 if registered)
- Tubes and speakers: 90 days
- Effects Pedals: 1 year (Extended to 2 if registered)

THIS WARRANTY DOES NOT COVER:

- Any product that has been altered or modified in any way or upon which the serial number has been tampered with or altered.
- Any product whose warranty has been altered or upon which false information has been given.
- Any product that has been damaged due to misuse, negligence, accident, or improper operation.
- The subjective issue of tonal characteristics.
- Shipping damages of any kind.
- Any product that has been subjected to extremes of humidity or temperature
- Normal wear and tear
- Any product that has been purchased from an unauthorized dealer, or upon which unauthorized repair or service has been performed.

SUPRO MAKES NO OTHER EXPRESS WARRANTY OF ANY KIND WHATSOEVER. ALL IMPLIED, WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEEDING THE SPECIFIC PROVISIONS OF THIS WARRANTY ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS WARRANTY. SOME STATES AND/OR COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF IMPLIED WARRANTIES SO THAT THE ABOVE MAY NOT APPLY TO YOU. SUPRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT CONSEQUENTIAL, INCIDENTAL OR OTHER SIMILAR DAMAGES SUFFERED BY THE PURCHASER OR ANY THIRD PARTY, INCLUDING, WITHOUT LIMITATION. DAMAGES FOR LOSS OF PROFITS OR BUSINESS OR DAMAGES RESULTING FROM USE OR PERFORMANCE OF THE PRODUCT, WHETHER IN CONTRACT OR IN TORT, EVEN IF SUPRO OR ITS AUTHORIZED REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND SUPRO SHALL NOT BE LIABLE FOR ANY EXPENSES, CLAIMS, OR SUITS ARISING OUT OF OR RELATING TO ANY OF THE FOREGOING.

**Steps To File for Warranty Coverage:**

Register your new product at <http://suprousa.com/warranty>

Complete the warranty request form available at <http://suprousa.com/support> and we will handle it from there!



**Product manuals are offered digitally in an attempt to be mindful of our environment.  
We ask that you consider the same before printing at home. Thank you!**