



**NU-33**

chorus/vibrato & vinyl engine

## WHAT IS THE NU-33?

Greeting record junky and thank you for your purchase of the NU-33 Vinyl modulator! Designed to capture the vibe of some of our favorite records, the NU-33 serves up chorus and vibrato mixed with tastefully engineered hiss, crackle and pops to give your riffs just the right touch of vintage je ne sais quoi.

The controls allow you to choose how much or how little flutter to add to your tone, color it with 2 additional filter modes, shape it with 3 different waveforms and dial in the mix with an analog blend; you can easily make this pedal sound as pretty and lush or as dark and sombre as you please. Enjoy its interactive momentary ramp and skip feature, tap in your speed, turn down the depth to use it as a doubler or hook it up to an expression pedal or CV source, there is so much you can do!

Your NU-33 is finally here and all that's left to do is to get lost in its immersive waves and textures.

## WHAT DO THE KNOBS DO?

**Speed:** This knob adjusts the speed of the LFO, from low and slow, to warble fast. The speed can also be manipulated by using an expression pedal. (See Dipswitches)

**Flutter:** This knob adjusts the width of the chorus/vibrato effect. When set fully counter-clockwise, the NU-33 enters into manual mode, where the delay can be swept with the Speed knob from 15ms to 50ms for a doubling effect. The flutter can also be manipulated using an expression pedal. (See Dipswitches)

**Ramp - See: Tap/Hold Ramp Footswitch:** The ramp is a momentary feature. This allows you to speed up or slow down the LFO by holding the Tap Tempo/Ramp switch. With the knob in the center position, the Ramp feature is off. Turning it down from the noon position ramps it down, while turning it up from noon position ramps it upward. The distance the knob is from the noon position determines how quickly the speed will ramp up or down and return to its original position.

**Hiss:** This knob controls the amount of white noise that is mixed in with the effect. The hiss can also be manipulated using an expression pedal. (See Dipswitches)

**Blend:** This center-detent knob blends the wet and dry signals. The center is a 50/50 mix for chorus effects while turning the Blend fully clockwise turns the NU-33 into a Vibrato.

**Level:** This is a master volume of the pedal and can boost or cut the output.

## WHAT DO THE SWITCHES DO?

**Wave:** This three-position switch changes the LFO waveform. When switched to the left, the waveform is a combined sine wave wiggling up and down a triangle shape, center selects a traditional sine wave, and the right selects a sawtooth wave.

**Skip - See: Bypass/Hold Skip Footswitch:** This toggle switch provides three tempo presets for the Skip function. The left position selects long (937ms), the center position selects medium (625ms) and the right position selects short (312ms).

**Color:** This toggle selects filter modes. The left selects a low pass filter for darker sounds and the right position selects a high pass filter. The center position bypasses the color filters.

**Crackle:** This toggle adds random vinyl-like pops and crackle to your signal when set to the right.

**Bypass/Hold Skip Footswitch - See: Skip -** Turns the effect on and off. If you hold the foot switch down while the effect is on, you will momentarily engage the Skip function, endlessly looping the signal left in the delay buffer until the switch is released.

**Tap/Hold Ramp Footswitch - See: Ramp -** This footswitch allows you to tap in the speed. When the switch is held down it ramps the speed up or down, depending on how the ramp knob is set.

## WHAT ABOUT THESE?

**In:** Plug in your instrument (or another pedal etc.) into here.

**9V:** The NU-33 requires a center-negative, 2.1mm 9VDC power adapter with at least 60mA of current (not included). Almost all power supplies meet this requirement, but check yours beforehand. There is no option for a battery.

**USE OF AN IMPROPER POWER SUPPLY WILL VOID THE WARRANTY**

**Expression Pedal/CV Jack (EXP):** Using an expression pedal takes over certain knob functions depending on the internal dipswitch settings. This jack can also be used for  $\theta$ -5V CV operation. A special cable is required for CV operation - Mono 1/8" or 1/4" to 1/4" TRS with the ring disconnected for most applications.

**Dipswitches:**

Down/Down: Expression pedal/CV controls Speed

Down/Up: Expression pedal/CV controls Flutter

Up/Down: Expression pedal/CV controls Hiss

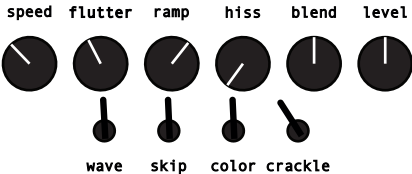
Up/Up: Expression pedal/CV controls Speed and Flutter

**Out:** Connect your Amplifier (or another pedal etc.) from here.

# TRY OUR SETTINGS

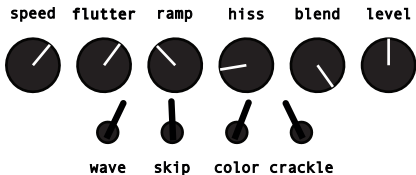
## Classic Chorus

50/50 Blend  
Color, Hiss & Crackle Bypassed  
Sine Wave  
Medium Slow Speed  
Smoother Ramp Up  
Set Skip To Taste



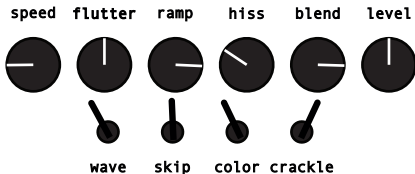
## Lo-Fi Vibrato

100% Wet Blend  
A Touch Of Hiss & HP Filtering  
Triangle Wave  
Medium Fast Speed  
Smoother Ramp Down  
Set Skip To Taste



## Vinyl Engine

A Touch Of Dry Blend  
A Bit Of Hiss & LP Filtering  
Sine/Triangle Wave  
Slow Speed  
Fast Ramp Up  
Set Skip To Taste



## WARRANTY INFORMATION

All SolidGoldFX products purchased through the solidgoldfx.com website or our authorized dealers come with a three-year warranty against failure resulting from defective parts and/or faulty workmanship. Cosmetic flaws or issues related to wear and tear are not covered.

The warranty applies only to the original owner of the product and is not transferable. Warranty coverage terminates three years after the owner receives the product. While a product is under warranty, the product will be repaired free of charge. The owner of the product will be responsible for both shipping to and from SolidGoldFX. Warranty coverage will be automatically cancelled should the product be tampered with, modified, abused, damaged through misuse, repaired by an unauthorized third party, or damaged through failure to follow the operating instructions. Use of an improper power supply will void warranty.



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