

## SOME THINGS ARE NOT

meant for everyone. This may not be for you. You may not like this. And that's okay. Different seasons for different things. But if you are holding this instruction manual then you took a chance. Perhaps you want to get weird. Maybe you want to create something dangerous. The Reflector is a vehicle that will help you arrive there. But remember, subtlety is your friend, nuance your ally. And chorus is back.

The Old Blood Noise Endeavors Reflector is a densely lush chorus coupled with three modes of modulation. This is a chorus with a bent, an ephemeral voice drifting between infinite aural dimensions. It is for the user to decide whether they are the ones summoning the sounds or if the voices are in fact summoning the user to create them.

9VDC 2.1mm negative center pin adapter  
46 mA draw.

blood optional, noise required.  
[oldbloodnoise.com](http://oldbloodnoise.com) @oldbloodnoise  
[youtube.com/oldbloodnoise](http://youtube.com/oldbloodnoise)  
Come find us.

## MODES

A three-way toggle switch allows the user to choose between three modes of delay modulation.

**Wrinkle Mode** : A Vibrato-esque warble chorus with the added option of pitch selection, meaning the **Modulate** knob goes from one octave down to one octave up, with noon being close to pitch unity.

**Myriad Mode** : A simple but profuse chorus, the **Modulate** control selects from 1 to 4 voices on the Chorus. This mode will offer the most classic Chorus sound.

**Mirrors Mode** : Detuned Chorus meets Flanger in which the **Modulate** knob controls the depth of the Flanger, while **Rate** corresponds with both the Flanger speed and the detuned Chorus speed.

## CONTROLS

The Controls consist of **Rate** and **Depth** to manipulate the speed and intensity of the Chorus/Flanger/Vibrato, **Mix** for a balance between unaffected and affected signal, and **Modulate** to either add **Pitch selection**, **Chorus Voice selection** or **Flange**.

**Rate** : Controls the speed of the effect, stationary all of the way to the left, and increasing as the knob is turned to the right.

**Depth** : Controls the depth of the chorus.

**Mix** : Controls the blend of the dry signal and the chorus signal / voices. Turn the knob all of the way to the left for bypass signal only. All the way to the right for affected signal only. Set the knob to noon and there will be a congruent mix (50/50) of both unaffected and affected signal.

**Modulate** : Controls the amount of each modes' modulation applied to the affected signal.

## NEW NOISE

The Reflector now boasts some additional features to increase quality, playability, and control.

**Expression** : The Expression jack is used to externally control either the **Rate** or **Modulate** controls. By plugging in an expression pedal, you bypass the knob in order to change the parameter on the fly with your foot. There is a switch inside the pedal to change which knob is controlled by the expression out. By default, it is set to **Modulate**. Set the switch to the **RIGHT** to control **Rate**, and to the **LEFT** to control **Modulate**.

**Output Control** : By default, we set our pedals to be at unity gain when engaged. In some scenarios, this can create a perceived drop or boost in volume. To adjust the output level to your setup, use a small screwdriver to adjust the internal trim pot ("Output Trim"). Turn it to the right to increase the output level, and to the left to decrease. Use a decibel meter or your ears as your guide, and turn slowly.

## OCTAVE CONVERSATIONS



RATE



DEPTH



SPEED

## WILD PITCH



DEPTH

## OPULENT LUSHNESS



DEPTH



DEPTH

## DISCOMFLANGULATED



DEPTH



DEPTH



MIX



MODULATE



MIX



MODULATE



MIX



MODULATE



MIX



MODULATE



WRINKLE  
MYRIAD  
MIRRORS



WRINKLE  
MYRIAD  
MIRRORS



WRINKLE  
MYRIAD  
MIRRORS



WRINKLE  
MYRIAD  
MIRRORS

REFLECTOR



OLD BLOOD NOISE ENDEAVORS