



Top Row = Tremolo 1

Rate - LFO (Low Frequency Oscillator) speed control

Shape - Skew the LFO wave shape from saw to triangle up to ramp.

Depth - This pot is an attenuverter. When centered, the LFO will have no effect. Turning clockwise will increase positive action of the control voltage, from the LFO or external CV. Counter clockwise will swing the voltage further negative. The tremolo only cuts volume, so the inverting capabilities will be more noticeable when sending a control voltage to multiple destinations and tweaking further.

2nd Row = Tremolo 2

Rate - LFO speed control

Shape - Skew the LFO wave shape from saw to triangle up to ramp.

Depth - This pot is an attenuverter. When centered the LFO will have no effect. Turning clockwise will increase positive action of the control voltage, from the LFO or external CV. Counter clockwise will swing the voltage further negative.

TREM 1 has a higher, faster range of frequencies, while **TREM 2** is considerably slower.

2MOD1 toggle - When activated (up) the LFO from TREM 2 will modulate the rate of TREM 1's LFO. When it is de-activated (down) TREM 2 will function as a separate, traditional tremolo circuit.

CV1< insert control voltage from another source to replace Stags' internal LFO on TREM 1

CV2< insert control voltage from another source to replace Stags' internal LFO on TREM 2

<LFO Send the Stags' LFO 1 out to CV inputs on other devices

<LFO2 Send the Stags' LFO 2 out to CV inputs on other devices

LFO outputs take the voltage before the attenuverter, allowing for further processing of the raw wave with other devices.

IN Audio input. Audio OUT is not labeled. It is located on the left of the pedal, directly across from the input.

XP1 expression pedal input to control the rate of the internal LFO on TREM 1

XP2 expression pedal input to control the rate of the internal LFO on TREM 2

*A 50k expression pedal is recommended.

Twin Stags is built on modular synthesis techniques, and comprised of the exact same tools you would find in a Eurorack system to create a tremolo effect. The LFOs control volume via a pair of Voltage Controlled Amplifiers or VCAs. Stags has been engineered to integrate seamlessly with Eurorack synths and compatible gear. To best achieve this the pedal standard 9v center negative plug is used, but the power is converted internally to a +/- 12v supply.

Dimensions : 4.67" x 3.68" x 2.25"