

Demeter amplification

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TRM-1 Tremulator User's Guide

There are two controls on the unit: Depth and Speed, plus a foot switch to bypass the effect, and an LED to indicate effect operation. On the side there is a Trim Pot to set the bias for the optical unit.

Depth affects the amount of amplitude modulation on the signal or the amount of effect. The Tremulator design incorporates a small amount of gain (approximately 1 dB) to allow for proper "tremulation." Also, by turning the Depth all the way off, the TRM-1 will function as a low noise volume boost. It's low-impedance output allows it to act as a line drive, eliminating signal loss on long cable runs.

Speed increases and decreases the frequency of the low-frequency oscillator, enabling you to time the effect as desired.

Trim Pot sets the bias of the optical tremulo unit. It affects the signal on and off time ratio. Turning this clockwise will squeeze the signal harder, counter-clockwise will loosen it. The unit comes preset to Ry Cooder's favorite setting.

Input/Output

There is a 1/4" input jack on the right-hand side of the pedal, and a 1/4" output jack on the left-hand side, with a battery switch on the input jack.

Power Supply

9 volts DC, internal or external.

Internal: 9 volt battery (for battery access, remove the four screws on the sides of the unit and pull apart). **WARNING: If battery drops below 7 volts, noise will occur.**

External: 9 volt regulated power supply, mini-plug, tip positive. Recommended external power supply is the Dunlop ECB-02.