



KJams Tremolo pedal

Description

The KJams Tremolo pedal has two tremolo programs. One is a standard tremolo with speed and depth controls. It includes the ability to access four waveforms; square, triangle, sawtooth up, and sawtooth down. The second has the same controls as the first, but is a harmonic tremolo inspired by brown face Fender amps of the early 60s. The input signal is run through a crossover to split it into high and low frequencies. The frequencies are then alternated to create a unique modulation that is somewhere between a tremolo and a vibrato.

Features

The pedal features:

- ◆ true bypass
- ◆ three program control pots
- ◆ output level control with gain up to 10dB
- ◆ built-in tap switch
- ◆ external tap switch input
- ◆ external expression pedal input

The face plate is solid wood, so the grain in each piece will be unique. It is sealed with Birchwood Casey Tru-Oil.

The pedal is based on the Spin FV-1 DSP chip, and is designed and assembled in Holland, Michigan, USA.

Instructions

The two programs are selectable by the toggle switch:

- ◆ Norm (down) – Tremolo with Speed, Depth, and Wave shape controls.
- ◆ Harm (up) – Harmonic Tremolo with Speed, Depth, and Wave shape controls.

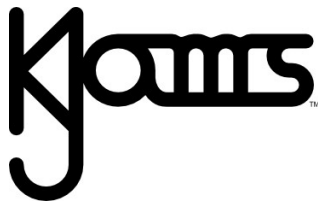
Footswitches

- ◆ Bypass is a standard bypass/enable latching switch.
- ◆ Tap sets the speed of the Tremolo. Two taps set the speed. Tap just once and the speed will be set to the lowest. If Tap is used, it overrides the Speed pot setting.

Pots

- ◆ Speed sets the speed of the Tremolo. If Speed is changed, it overrides Tap.
- ◆ Depth set the depth of the Tremolo.
- ◆ Wave selects between four wave shapes: square, triangle, sawtooth up, and sawtooth down.
- ◆ Volume controls output level.

Jacks



- ◆ In and Out jacks are standard mono, right to left.
- ◆ Tap acts in parallel with the built-in Tap switch. Use a standard normally open switch.
- ◆ Expression replaces the middle/lower control, Speed.

Power

- ◆ Input power is standard center-negative 9VDC.
- ◆ Current draw is 62mA.
- ◆ The pedal is safe with higher voltages, up to 18VDC, but using higher voltages will not affect the sound, and we discourage using them.