PANA-TREM

Oh the delicate coaxing of bias-modulating tremolo. Truly one of the earliest and greatest effects created for our beloved guitars. Welcome to the finest, true-stereo harmonic-vibrato/tremolo/panner pedal ever created: Pana-Trem.

The Pana-Trem pedal is 100% handmade by Mr. Black in South-East Portland, Oregon U.S.A., and it does a whole lot more than your standard tremolo pedal. The Pana-Trem can be outright disorienting when usings its True-Stereo outputs, and it gives you the tools to tailor your sound from a rich throbbing tremolo all the way into an extremely lush harmonic-vibrato (almost "vibe"-like), as well as all shades in-between— easily tuned with a quick twist of the SHIFT control. When we say True-Stereo, we mean: True-Stereo! Each channel is completely independent from one another and each feature a special "Sweet'ner" pre-amp specially designed to fatten, sweeten and add that little extra something to your tone. Easily select between PULSER and PANNER modes with one simple button. If only one input is available and true-stereo outputs are desired, simply plug into the L input and the Pana-Trem will smartly take care of everything for you, internally routing the signal to create a wondrous true-stereo sonic field.

An expression pedal can be assigned to any, or all, of the control knobs on the fly by simply connecting a standard expression pedal to the EXP, jack and then turning the desired control(s) to be managed by expression to the little blue dot.

A preset can be saved by pressing the SAVE button once, and activated/de-activated by pressing the PRESET foot-switch.

See back for operation, configuration & technical specifications





Technical Specs: Input Impedance: Oùtput Impedance: Bypass: Pówer Requirement:

Current Draw:

 \sim 500k Ω \sim 2k Ω Buffered-bypass 9VDC (100mA)

Control Knobs: INTENSITY: Adjusts intensity/strength of tremolo

Sets the center frequency of tremolo/harmonic vibrato SHIFT:

FREQUENCY: Adjusts the speed of the tremolo pulse/pan rate

9VDC Input* EXP: IN-L: Expression pedal input Left/Mono Input Left/Mono Output Right Output Right Input

Changing modes: Press the PULSER/PANNER button. The LEDs will display mode color.
PULSER: Left and Right channels pulse in synch with each other
PANNER: Left channel increases, right channel decreases & vice/versa ("ping-pong" style)

aving a setting:

Set controls and mode to desired setting & press the SAVE button once.
PRESET light will blink 3 times and remain lit while the controls are aligned with the saved control knob settings. Recalling a saved setting:

Press the PRESET button once. All control settings and mode saved will be activated. Press the PRESET button again to resume current knob settings and previously active mode, if different than saved mode.

Expression Pedal Use: (10ΚΩ or greater)

Connect expression pedal to EXP jack, turn control(s) to be assigned to expression pedal to the blue dot marker. Wiring Connections:

Tip - Wiper *Power Adapter Polarity: Ring - Positive Voltage

Sleeve - Ground



