

# *Pfeiffer* PHASER

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## User's Guide

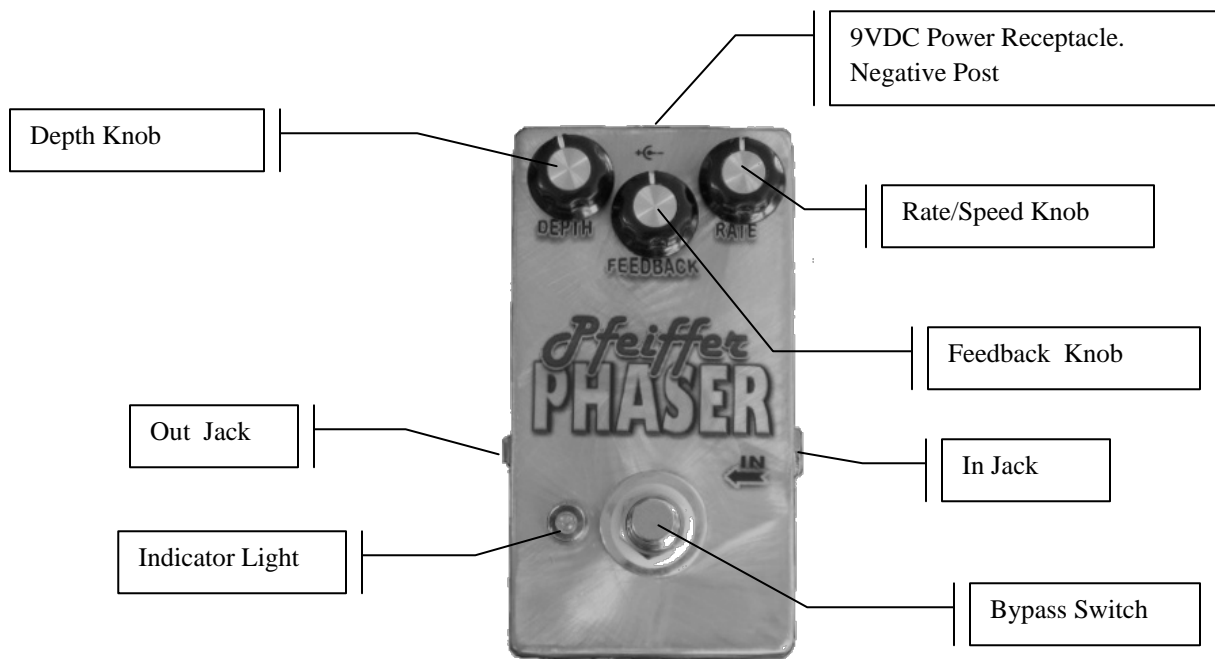
V2.0



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# Overview

This phaser guitar effect pedal is modeled after the MXR Phase 90, probably the most popular phaser of all time. The design uses four carefully matched JFET N-Channel transistors and TL071 op-amps to create its signature sound. It is capable of both the block and script phaser sounds.



# Connections

1. Connect instrument to IN jack on right using a 1/4" mono TS plug. Cable should be shielded.
2. Connect amplifier to OUT jack on left using 1/4" mono TS plug. Cable should be shielded.
3. Connect a 9VDC power supply to DC power jack on top. Plug should be negative post and 200-1000 milliamp output.

# Operation

To turn on the effect press the bypass switch. The effect is on when the indicator light is illuminated. When the indicator light is off, the effect is in true bypass mode.

## **Depth Knob**

The depth knob controls the depth of the effect. When the depth knob is fully clockwise, you have a script phaser, all other positions are different variations of a block phaser.

## **Rate Knob**

The rate knob controls the oscillation speed.

## **Feedback Knob**

The feedback knob enables extremely pronounced phaser sounds. It does this by sending the 4<sup>th</sup> stage of the phase shifter signal back into the 1<sup>st</sup> stage. This knob is what sets the Pfeiffer Phaser apart from other phaser effects. Experiment with different combinations of feedback and depth to discover some very unique tones.