

# PIGTRONIX

## Gatekeeper - Users Guide

Welcome to the realm of Pigtronix! Your new Gatekeeper pedal is an all analog, high speed J-FET noise gate. It is designed to eliminate all noise from your rig when you are not playing. The speed with which the Gatekeeper can react to your playing allows for touch sensitive noise gating that remains musical through a variety of styles, from speed metal to acid jazz.

THRESHOLD is the most important control on the Gatekeeper pedal. This knob controls how much signal is needed in order to open the gate. The hotter the signal you put into the Gatekeeper, the lower the THRESHOLD knob should set.

The best way to set the THRESHOLD knob on the Gatekeeper is to start with the knob turned all the way counter-clockwise and then slowly move it in the clockwise direction until the gate remains closed when you are not playing, but opens up immediately when you play a note. The THRESHOLD knob should be set somewhere in a region where the noise in your system is below the level needed to open the gate and the sound of your instrument is above the level needed to open the gate. If the THRESHOLD knob is set completely counter-clockwise, the gate will not open and your sound will remain muted.

The RELEASE knob controls how long it will take the gate to close once your signal drops below the level determined by the THRESHOLD knob. The RELEASE control has a limited range and imparts only a *very subtle* change to the overall "feel" of the way the Gatekeeper responds to your playing style. For most applications, the fully counter-clockwise setting of the RELEASE control is most desirable. This position provides the fastest overall performance, closing the gate instantly when you stop playing. As you turn the RELEASE knob clockwise, the time it takes the gate to close increases. Instead of dramatically increasing the time it takes the gate to close, this setting gives players a looser feel that extends the window of opportunity to keep the gate open between notes.

The MUTE LED turns on when the signal has fallen below the threshold needed to keep the gate open. When the RELEASE knob is at maximum, the pedal will mute shortly after this light comes on. When the RELEASE knob is at minimum, the pedal will mute immediately when the light comes on.

DC Power - The Pigtronix Gatekeeper comes with an 18VDC, neg. tip power supply.

18VDC power provides massive headroom for crystal clear tones with any instrument.

Gatekeeper does not take batteries.

Pigtronix Limited Warranty:

Your Pigtronix effect pedal comes with a 1 year limited warranty on parts and workmanship. During the warranty period we will repair or replace, at our option, defective parts or pedals free of charge, and return them to the owner. Warranty service does not include damaged, modified, or misused pedals and such pedals will be subject to a standard repair charge.

What you must do: First, contact us directly via email and describe the problem to us. If the problem cannot be resolved we will have you send the pedal directly to us for servicing.

How to contact us for warranty service:

Email: [tech@pigtronix.com](mailto:tech@pigtronix.com)

Phone: 631-331-PIGS (7447)

Warranty Limitations: This warranty does not cover defects resulting from improper or unreasonable use, accident, unauthorized tampering or modifications; and, warranty shall be considered void if chassis has been opened.

To validate your 1-year, limited warranty, please register your Quantum Time Modulator, within 30 days of purchase, on the web at:

[www.pigtronix.com/warranty](http://www.pigtronix.com/warranty)