



# HENRETTA

*engineering*

TRUSTED QUALITY SOUND

## THE GATE

### NOISE GATE

THE GATE is a noise gate for electric guitar and other electric instruments.

#### OPERATION

THE GATE is an all-analog buffered noise gate circuit that mutes the output when no signal is passing through. When you start playing, the gate opens up and lets the signal through. This is particularly useful for electric guitars with noisy single coil pickups and signal chains with cascaded noisy distortion pedals. THE GATE can be placed anywhere in your signal chain as long as it is after noise-generating pedals that you want to mute when you aren't playing. THE GATE can also be placed in an amp effect loop to mute noise from a cranked preamp. The intensity control provides a wide range of sensitivity for different environments, and the integrated buffer circuit maintains your tone.

THE GATE is housed in a tiny 2"x 2" enclosure that's sure to squeeze onto or under any pedal board. The stock version is always on with no foot switch or LED for easy mounting on the underside of a pedal board. The option to order THE GATE with a foot switch and LED is also available.

#### Internal Controls

**INTENSITY** – *trimpot near center of circuit board.* This controls the strength of signal from your instrument that is needed to open the gate. Fully counter-clockwise is the factory setting and the most sensitive setting, which means that a relatively weak or quiet signal will open the gate. This is a good setting for vintage style single coil pickups. As you adjust the trimmer clockwise, a progressively stronger signal is required to open the gate. These higher settings are more suitable for heavily distorted sounds and use within an amp effect loop.

#### SPECIFICATIONS

**Configuration:** As you look down at the front of THE GATE, the input jack is on the right side, the output jack is on the left side, and the DC jack is on the right side.

**Power:** You can only power THE GATE with an external power supply (9 VDC) with the commonly used center-negative barrel connector. The maximum current draw is 5mA.