

# Quick Start Guide

Thank you for purchasing this **GUARDIAN of the WURM** Distortion & Noise Gate pedal. We hope you get many years of pleasure and use from this device and if this is your first product from our brand, welcome!

This simple connecting guide should help start you on your journey to sonic creativity. However, if you wish to know all of the pedal's hidden secrets, you can find the full manual online on the product page at:

[kma-machines.com](http://kma-machines.com)

## *Some quick usage examples:*

The original HM-2 had 2-Bands of EQ marked H (High) & L (Low) but in reality, H was actually a High Mid control. We doubled the EQ to 4-bands with the ability to adjust the Q frequencies, greatly increasing the versatility of the circuit. So, to get that classic Chainsaw tone, set the Drive and Level to max, select HM-2 EQ Style, centre all Q pots and only max out the LOW and H-MID controls, else you are boosting additional frequencies not available on the original pedal. Still, having all of that additional tone shaping power can really help you mould your own brutal tone, so experiment until you find the killer sound that works for you!

With the FX Loop, you can feed other noise-making pedals you might wish between the Distortion and Noise Gate sections. Fuzzes can work wonders here and the Noise Gate then can make a seemingly noisy tone very usable.

Those who like to experiment with sound design might even use the Noise Gate in other ways, for instance by using an external trigger source such as an audio signal or a compatible\* control voltage from a synth etc. This can turn the pedal into a hard tremolo or allow you to tighten up your riffs synced to a kick drum – try things out and have fun!

## GUARDIAN of the WURM Specifications

- High Gain Distortion
- Easy-to-use, yet high-performance Blackmer® VCA-based Noise Gate
- 3 clipping styles: Silicon, Asymmetric (Silicon+LED), Off
- Clean Blend, for a tight low end
- Highly configurable 4-band Active EQ, with variable centre-frequencies
- 3 distinct types of HIGH MIDS frequency controls
- External Trigger Input, allows Noise Gate control from an external source
- FX-Loop between Distortion and Noise Gate, for signal-chain flexibility
- Internal controls for input filter, gate-trigger source and Noise Gate response
- Relay-based soft-switching, with variable Gate switching modes

Power requirements:

9 V DC, centre -, 2.1 mm, ≈150 mA max. current draw



Made in Berlin, Germany since 2013

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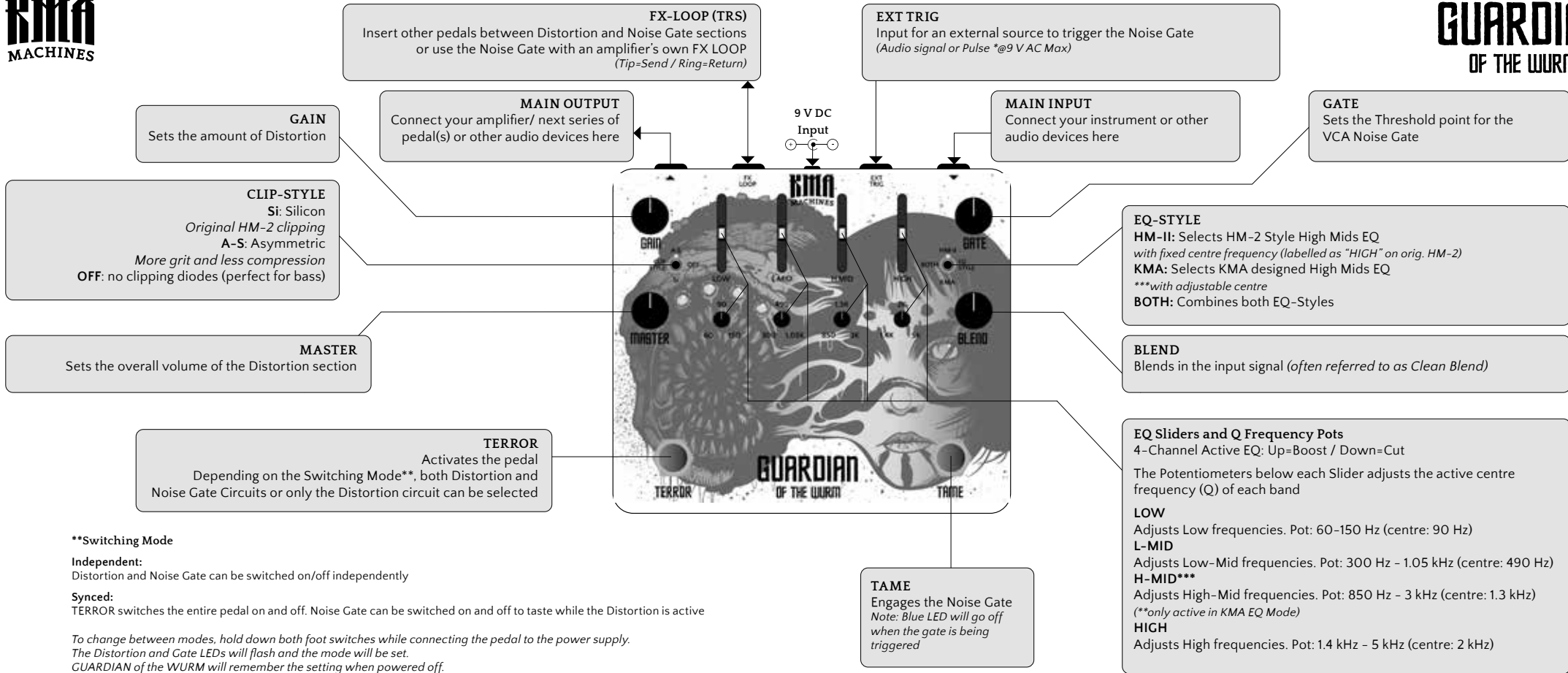
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**\*\*Switching Mode**

**Independent:**

Distortion and Noise Gate can be switched on/off independently

**Synced:**

TERROR switches the entire pedal on and off. Noise Gate can be switched on and off to taste while the Distortion is active

To change between modes, hold down both foot switches while connecting the pedal to the power supply.

The Distortion and Gate LEDs will flash and the mode will be set.

GUARDIAN of the WURM will remember the setting when powered off.