

## INTERNAL CONTROLS 2

The internal DIP SWITCH will activate/deactivate the classic HM2 EQ for the HIGH MIDS to get the swedish chainsaw sound or the HIGH MIDS WURM EQ for total control and fine tuning of your tone.

### HM2-WURM EQ



### HM2 EQ



### WURM EQ



### HM2 CLASSIC TONE (STOCK)

Set all 4 trim pots to 12 o'clock

## SAFETY INSTRUCTIONS

This device is intended to be used for sound processing of signals from musical instruments. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

## OPERATING CONDITIONS

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt and strong vibrations.

## EXTERNAL POWER SUPPLY

Use only with 9V power supply. Failure to do so could result in damage to the device and possibly the user. Unplug the external power supply before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

## WARRANTY

We offer a 5-year warranty. The warranty expires immediately if the product is changed, operated incorrectly, intentionally or negligently damaged, or if it is damaged by force majeure or use beyond the permitted operating conditions.

## KMA AUDIO MACHINES

### GUITAR AND BASS EFFECT PEDALS

Handmade in Berlin with love since 2013



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## WURM

### DISTORTION



INSTRUCTION MANUAL+ WARRANTY

# WURM – DISTORTION

Its dark legend is being told for thousands of years—an old creature, full of grief and malice will bring destruction and terror over the tracts of land. Feel the fear and the destructive energy of that ancient monster with the WURM.

KMA Audio Machines give you the legendary distortion sound of the out of production HM2 MIJ model. Its sound was a key element of the Swedish chainsaw metal invented by bands like Dismember and Entombed.

We took the ingredients and developed a way more flexible distortion pedal. We kept the classic active EQ section and added two more bands to give you a wider range of tones to tailor your evil and gritty distortion sound.



Each band has an internal trimpot to change the center frequency and fine-tune your sound. To switch between the original HM2 high control and the KMA Audio Machines designed EQ band, we added an internal DIP SWITCH. Switch 1 activates the WURM EQ High Mids Mode while switch 2 is in off position. To get the HM2 chainsaw high mids put switch 1 in off-position and switch 2 in on-position, crank the LOWS and the HIGH MIDS to hear the chainsaw. Activating switch 1 and 2 gives you then three bands, which are controllable via the HIGH MIDS controller. TERROR dials in the malice and evil distortion sound you are searching for! Crank it and you will feel the rageous ancient WURM.

## CONTROLS

### VOLUME

Controls the overall level of your WURM

### TERROR

Controls the amount of grinding distortion

### LOWS

Gives you +/- 8 dB boost/cut of your low end at 90 Hz

### LOW MIDS

Gives you +/-8 dB boost/cut of your thick mids at 425 Hz

### HIGH MIDS

Gives you +/-8 dB boost/cut of your gritty high mids around 1.3kHz

### HIGHS

Gives you +/-8 dB boost/cut of your top end for more or less presence

## INTERNAL CONTROLS 1

Each EQ has a trim pot to shift the center frequency of the bandpass. Shifting the center frequency changes the bandwidth of the bandpass. That means, when you raise the center frequency the bandwidth will increase and vice versa.

The frequency range goes from:

