# FUZZ | DISTORTION

Deep black mud is covering his jaws but the rising sun is revealing the glancing brake draped antlers of the majestic dead stag. His massive blast of distortion will tear down even the thickest boondock and set the world on fire.

The Stag is based on one of the classic discrete fuzz/distortion circuits built in countless versions by many builders along the last fourty years. We wanted to take the evolution further and give you a Big Muff Style pedal with more tonal options and smart features.

Beneath the active Bass/Treble EQ with 15db Cut/Boost we designed a parametric mids EQ with a 12db Cut/Boost between

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Beneath the active Bass/Treble EQ with 15db Cut/Boost we designed a parametric mids EQ with a 12db Cut/Boost between 400Hz and 2.4kHz. Except the internal bandwith control, every EQ control is on top of the pedal. This EQ gives you tons of tonal options, either thick low end rumble or spitty mids, scooped or low mids hump, everything is possible. Furthermore you can choose between two gain levels with the high/low switch and give your high mids a boost at the end of the circuit by the smooth/sharp switch.

Every pedal is designed, assembled, silkscreened, tested and numbered by hand in our small workshop. We use external manufactured PCBs to guarantee our high quality standard and keep the price of our pedals reasonable. The use of an indestructible powdercoated die-cast enclosure ensures a maximum durability.

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# CONTROLS

#### MUD

Sets up the grade of distortion

#### GROWL

Controls the overall volume

#### BASS

Active Bass control with +/- 15db

#### TREBLE

Active Treble control with +/-15db

#### C/B

Cut/Boost of mid frequency with +/-12db

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#### MIDS

Defines the center frequency of parametric mid control from 400Hz fully left to 2.4kHz on fully right

#### SHAPE-SWITCH

Changes between a smooth or an edgy sound

#### GAIN-SWITCH

Changes between low gain distortion and thick high gain distortion

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# 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.



# GUITAR AND BASS EFFECT PEDALS

Handmade in Berlin since 2013

hello@kma-machines.com

WWW.KMA-MACHINES.COM

# INSTRUCTIONS & WARRANTY



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