



## FROM CLEAN TO EXTREME

Swedish designed art and technology  
handbuilt to define the highest quality

Congratulations and thank you for purchasing the

# DUALITY

We hope you'll enjoy this product just as much as  
we enjoyed designing and making it.

[www.zutagroup.com](http://www.zutagroup.com)

Nominal Input Level	-20 dBu
Input Impedance	1 M $\Omega$
Nominal Output Level	(-20 dBu true bypass),
Output Impedance	1 K $\Omega$
Recommended Load Impedance	10 K $\Omega$ equal or greater
Power Supply	AC to DC adapter. Optimally 9V 200mA, max 18V, center negative.
Dimensions	body : 140 x 114 x 46 mm overall: 140 x 117 x 61 (Cliff jacks, knobs...)
Weight	555 g
Accessories	Rubber feet



[www.zutagroup.com](http://www.zutagroup.com)  
Meta4 AB, Datavägen 25  
436 32 ASKIM, Sweden

### LIMITED WARRANTY

Visit [www.zutagroup.com](http://www.zutagroup.com)  
for more information and  
to register. Warranty void if  
not registered within 14  
days of original purchase

**No battery and no user  
serviceable parts inside.  
Authorized service only.  
Warranty void if tampered.**



By affixing the CE marking to a product, a manufacturer declares that the product meets all the legal requirements for CE marking and can be sold throughout the EEA.



This product complies with the (2012/19/EU) WEEE Directive. The affixed product label indicates that **you must not discard this electrical/electronic product in domestic household waste.**



Keep away from rain or moisture.  
No dripping or splashing. No objects filled with liquids should be placed on or near the product.



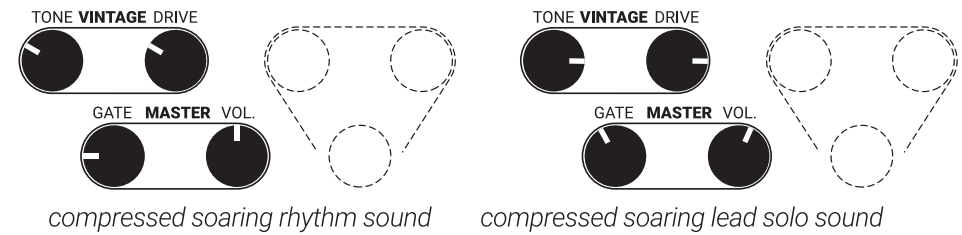
**No user serviceable parts inside** Refer all servicing to qualified service personnel.

### SAFETY INFORMATION

- Pollution Degree 2
- Maximum Relative Humidity: <80%
- Operation temperature range: 10 °C to 35 °C
- Ordinary Protection: This equipment should not be exposed to dripping or splashing.
- Avoid placing objects filled with liquids, such as vases or glasses, on this equipment.
- Storage and transportation temperature range -25 °C to 45 °C
- Equipment suitable for continuous operation

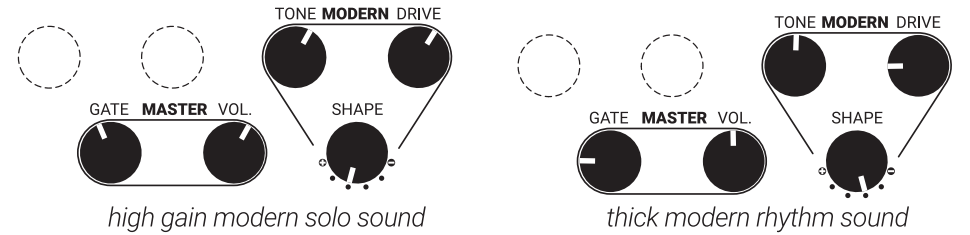


**VINTAGE** overdrive mode is defined by a warm and loose sound. Above all, it adds grit to the guitars sound. The amplification of the signal is broad and covers lots of frequencies that generate warm and big overdrive tones with lots of harmonic content. This mode is especially useful for soloing. It's producing the classic sound that you've heard on countless albums over the years. With the TONE and DRIVE controls the sound can be adjusted for classic rock, blues, alternative rock or any other music genre. Using humbucker pickups with the vintage mode will distort the sound with a classic loose overdrive sound while a single coil pickup will provide you with greater clarity and a more articulation. When used with Active pickups we recommend that you start out with a lower gain setting for the best sound.



You might need to adjust the gain on the amp to reach the sweet spot.

**MODERN** overdrive mode is defined by a more complex sonic soundscape. The amplification of the signal in this mode will produce a vast number of tones, ranging from super tight to massive bottom ended harmonic content. This is made possible by just twisting the SHAPE knob. With the TONE and DRIVE controls the sound can be adjusted for metal, progressive and hard rock or any other music genre. This mode can be used with both humbuckers and single coils. The hot humbuckers provide nice and round kick for this tailored and filtered overdrive. The single coils pickups will produce a brighter overdrive with a push in the mid and high frequency spectrum. When used with Active pickups we recommend that you start out with a lower gain setting for the best sound.



You might need to adjust the gain on the amp to reach the sweet spot.

**TONE V** control for dark to bright sound color.

**DRIVE V** vintage distortion.

**TONE M** control for dark to bright sound color.

**DRIVE M** modern distortion

**SHAPE** modern only – controls the tone by radically shifting filter values and tuning the low frequency from tight to loose to achieve Djent sound (+), relaxed stoner (-) sound or anything in between. Dial to taste.

**VOLUME** control for the output of the pedal when the effect is on.

**GATE** From minimum up to 9 o'clock it is off. From 9 o'clock to maximum the attack-, hold- and release values will gradually shift on all these three parameters in tandem from slow – medium – fast – superfast when you turn up the GATE knob clock wise.

**ON / OFF** footswitch toggle for effect ON or OFF. True bypass while OFF.

**V / M** footswitch toggle between VINTAGE (green) and MODERN(red).

