



HAND  
BUILT  
EFFECT  
PEDAL  
FOR  
GUITAR  
BASS  
AND  
SYNTH



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# SUNDRIVE MANUAL

*Detailed Instructions of the Features and Operation of the Sundrive*



The **Sundrive** takes it's influence and develops on from classic overdrive circuits with the addition of treble and bass controls in the form of the **Baxandall** style shelving eq found in the **Matamp GT120**. This gives the ability to cut and boost treble and bass while also cutting and boosting the mid range frequencies. With treble and bass controls below 12 o'clock - the mids are boosted. Above 12 o'clock they are cut, giving a near endless variety of tonal options. There is also a bunch more low end available for low tunings, baritones, basses and synths etc.

The pedal also includes an always in circuit **30 dB Clean Boost**. When the boost foot switch is engaged, there is a volume increase of up to 30dB, with absolutely no change to the tone of the pedal. With that said - driving any amp with that much volume will most likely change the tone of the amp as the preamp is driven harder. It's super useful as a lead boost or always on for low gain settings where you need extra volume, really pushing your amp or even going direct to a power amp. The clipping toggle allows the user to flick between traditional symmetric **Silicon** clipping diodes on the right side \*\*, **LEDs** in the middle position for a louder modern crunch and an asymmetric combination of Silicon and LED on the left side giving a valve like gain character. Between this toggle and the gain knob - the **Sundrive** goes from sparkling clean through various stages of drive through to full on distortion with the gain knob maxed. This is essentially the low gain soft clipping brother to the **Battlehammer**. \*\*Clipping is wrong on the diagram above...update coming soon.

The pedal graphics are **hand pulled screen prints on powder coated or hand sprayed cases**. Colours can vary from run to run, feel free to get in touch for more info.

All pedals are **true bypass** as standard and powered by the industry standard (boss style) negative tip **9V DC** power supply. For best results use a reputable regulated pedal power supply.

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