



PREMIUM GUITAR  
EFFECTS

MODERN MOJO DEFINED™



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## ALCHEMY

The ALCHEMY is a true-bypass overdrive with 4 simple controls:

- GAIN
- LEVEL
- HUE
- TONE

The GAIN knob controls the amount of gain and overdrive. Starting from fully counterclockwise, the sound has less overdrive and there is little breakup. As you turn it clockwise, there is more overdrive. The range of the overdrive is concentrated at the medium to high range, so low overdrive is best attained with the GAIN between 9-12 o'clock and using the guitar's volume control.

The LEVEL knob controls the overall volume level. This unit has reasonable output, so take note of the setting before plugging in and slamming your amp!

The HUE control is a subtle control which shapes the color and character of the tone. Fully counterclockwise enables a darker tone, while turning it clockwise enables a brighter tone. However, it is not strictly a treble control or a bass control, as it changes the character of the tone in an interesting way.

The TONE control controls the amount of high frequency content. Fully counterclockwise has the treble rolled off, while fully clockwise opens the frequency spectrum up. This may appear very bright, but is useful in input sources that are inherently dark or already have some sort of high frequency filtering and you don't want to roll off the highs any more. Combining the HUE and TONE control allows unique control over the EQ and sonic timbre.

Increase the GAIN for more compression/sustain. If you want it darker, turn the HUE or TONE CCW, or the opposite for brighter tones. Experiment with the HUE and TONE to hear the differences between them in how they shape the tone. Though they both affect the darkness and brightness, they do so in a different way, and varying combinations can produce unique voicings.

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All JTK Harmonics pedals feature true-bypass switching (no buffers) and fully enclosed Switchcraft 1/4" photo input and output jacks. When an input cable is inserted and a battery is present, the circuit is switched on. The LED indicator is only an effect/true-bypass indicator and does not indicate power on.

The DC power jack is a standard BOSS-style 2.1mm center negative jack at the top of the unit. When a DC power plug is inserted, the circuit automatically switches the power from the battery to the DC jack. If there is power available, then the unit will be switched on. If there is no power, the unit will be off. This operation is important to know while the pedal exists on a pedalboard. If all the pedals are connected via DC power, simply turning off the DC power will power down the pedals. Any pedals in the chain that only use battery power must have their input cable disconnected else they will remain on and eventually drain the battery. The battery is changed by removing the lid and attaching the battery to the 9V T-style battery connector.

# SAMPLE SETTINGS

	<p>GAIN Noon LEVEL Noon HUE Noon TONE Noon</p> <p>You should start at this position. It yields a very nice, thick overdrive with plenty of bite, presence, and level. There is some compression evident.</p>		<p>GAIN 10am LEVEL 10am HUE 10am TONE Noon</p> <p>Lower the GAIN for less compression and sustain and more clarity and dynamics. Lowering the HUE gives it more bass and low-mids emphasis.</p>
	<p>GAIN 10am LEVEL 10am HUE 2pm TONE 10am</p> <p>Increasing the HUE and lowering TONE makes it sound smoother by reducing the bass which emphasizes mids, while at the same time reducing harsh high frequencies.</p>		<p>GAIN 2pm LEVEL 1pm HUE noon TONE noon</p> <p>This setting yields great sustain and a huge, thick sound.</p>
	<p>GAIN 3pm LEVEL 3pm HUE 3pm TONE 3pm</p> <p>This setting is for the over-the-top, massive, high-presence crunch tone. It is bright, yet retains the horn-like attack that is characteristic of the ALCHEMY.</p>		