

Analog Man King Of Tone overdrive Ver 4 Jan-06

Analog Man, in collaboration with Jim Weider, have come out with the pedal we have been looking for for many years - the King Of Tone. There are many overdrive pedals on the market, but none of them have been quite right, preserving the tone of the guitar and adding the right amount of overdrive without compromise.



The Version 4 KoT was developed due to popular demand for a separate controls on each channel. We also made it two separate pedals in one, both can be used together for extra drive or volume boost. Each channel has it's own Tone, Volume and Drive controls and LED. We use SUPER BRIGHT Yellow and Red LEDs so you can easily tell which channel is selected. When the pedal is ON the red or yellow LED will be on and VERY bright. When both sides are off, it is true bypassed.

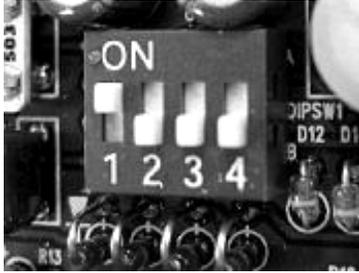
In addition, there is a TREBLE BOOST knob on the inside of the pedal for each side. Turn the treble boost all the way down for normal setting, most people may like it best turned up a few notches especially with a darker sounding guitar or amp.

There is also a 4 position DIP switch on the inside of the pedal, which you can use to choose between Clean, OD, or DISTORTION mode for each side. I designed this switch to allow almost anyone to be able to find the exact sounds they want in this pedal. The modes are:

- 1) Normal Overdrive mode (OD mode): This is the standard King Of Tone sound, which Jim likes best- a little less drive available than a tube screamer. Factory DIP switch setting has this mode on the right (red) side. This mode can get about 4 times louder than a tube screamer if desired.
- 2) CLEAN mode : This mode has less drive, can be used for clean boosts or clearer, louder sounds. It's sort of a cross between a true clean boost and an overdrive. CLEAN MODE is even less compressed than the standard OD mode. The factory DIP switch setting uses this mode on the left (yellow) channel. This mode can get twice as loud as the OD mode.
- 3) DISTORTION mode : This mode has more drive than the standard mode- a touch of hard distortion. The sound is a little more compressed, yet retains the pedal's character. This mode can get almost twice as loud as a tube screamer. Distortion mode is not on either side with the factory DIP switch setting.

At low DRIVE settings, or when playing softly, there is not much difference between the three modes, they all can get pretty clean. The ability to clean up when playing softly is a very useful feature of this pedal.

DIP switch settings



There are 4 DIP switches. Factory setting is
1 2 3 4: ON OFF OFF OFF (up, down, down, down)

The two left switches (1 and 2) are for the RED (right) side. 1st switch down=clean, up=OD. 2nd switch is for DIST mode when up. When the DIST switch is up, the position of the 1st switch does not really matter. The 2 switches on the right side are for the YELLOW side, and work just like the Red side (#3 = CLEAN or

OD, #4=DIST if UP).

The factory setting ON OFF OFF OFF sets the RED (right) channel to OD and Yellow (left) to CLEAN, so you can decide if you like one sound best, or would like to have both available. If you want both available, leave switches in this setting. To set both channels to be OD mode (CLEAN mode will not be available) then set switches to: ON OFF ON OFF. To set both channels to CLEAN mode (OD not available), set to: OFF OFF OFF OFF.

It is best to have the right (red) side to be the more distorted side, as it comes before the left (yellow) side and will allow the left side to do more boosting that way.

POWER SUPPLY: A Standard Boss PSA120 type 9V DC adaptor will work fine. Center is negative. The pedal uses about 10mA of current at 9V, and only 6mA when off, or if the red channel is selected. You can get a fuzzier sound if you want, at lower voltages, for example the SAG mode on the pedalpower2. When your battery dies you will notice the pedal will not get nice and clean, the sound will be hairier. Use a good Alkaline battery or a power supply.

CHIPS: You can also try other standard dual op-amp chips in the king of tone. Just make sure you put it in the right way. The chips are not in the same way, both are installed so the top (when reading the writing) is towards the center of the pedal. The old TS-808's JRC4558D chip sounds good in this pedal, especially with single coil guitars and smaller Fender type amps. You can try a high fidelity chip for the CLEAN mode which may work well.

ENJOY!!!! Analog Man Guitar Effects, 1D Garella Road, Bethel, CT 06801

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