

the Nocturne

UBANGI STOMP

This grindy box of fun has had a mystical love hate relationship with guitar Amps since the 80s.

Hopefully with my version and its internal variables for you To tweak, you can dial in your own texture of furry rodent pest.

To be clear about the Ubangi Stomp approach to this particular ratfink circuit is how it works directly with a gretsch guitar in its low gain, high volume settings. There is plenty of high gain stuff to explore but I spent my focus on putting twangy clarity into the dirty ratty gravel of it all. Hopefully it will help you get those grimy dragstrip, garage surf, twango'billy Sounds you love too.



Lets get dirty:

On the left side of the pedal is the "distortion" control or gain.

All the way to the left is the touchy start point of finding a low gain sweet spot,
and all the way to the right is infested sludge, the fun kind.

There is no black and white settings on r\$t pedal in my opinion because each knob affects The other and all are yet still texturally affected by the amps settings.

FWIW, the louder and cleaner the amp
The better sounding the Ubangi Stomp.

That said, the right knob or output **volume** knob really needs to be above 1-2 oclock

For anything twangy to push out through the grind, or at
Least take the guitar to a place that isn't thin and toothy.

Although that is fun too when the left knob/distortion is up around 1 oclock and
the right knob/distortion is around 10 oclock.

The center knob is the **FILTER**,

its really not a conventional tone control even though I tend to grab it to dial off the tooth of
high mids or add tooth to the more sludgy high gain stuff.

One thing to note is that I have taken the liberty to change

This control from the vintage white label r\$t circuit.

Again to facilitate the lower gain settings.. All the way

to the left is high mids open and as you turn to

the right, the high mids start to bleed off and shift to low mids.

Remember that the filter is interactive to the gain and output settings.

Inside the pedal on the circuit board there is an adjustable trim pot for low mids saturation

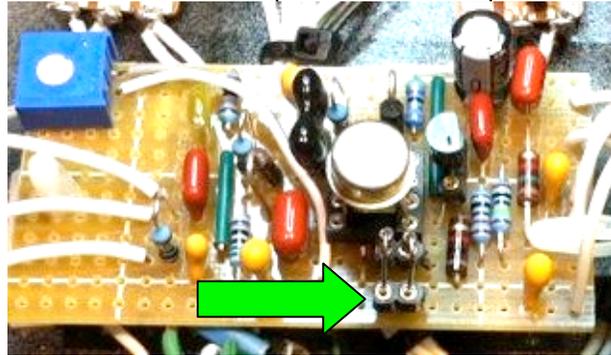
at the top right of the circuit board. I have it set for the best clarity to compression of low mids gain as
marked.

Should you wish to adjust this Please realize that when dimed there is a quite a bit of hiss and oscillation introduced. If you back off just a bit, you will be able to delineate those bad artifacts.

You will notice the swank and rare metal can opamp version Of the famous LM308. It is socketed for you to Swap in variants of this chip, just remember that the notch in the Socket it to be matched with the tap on the metal can opamp or circle Divot on the plastic opamps. If you put it in backwards, you probably Will kill it. These chips are sensitive to static charge. If you remove the chip and damage it, I cant replace it With another Fairchild 308 but don't fear, the More common but not cheap LM308 will not be too Different in response. Just not so vintage cool.

Same with the Transistor, that is socketed for you to Fool with as well, just don't put it back in Backwards.

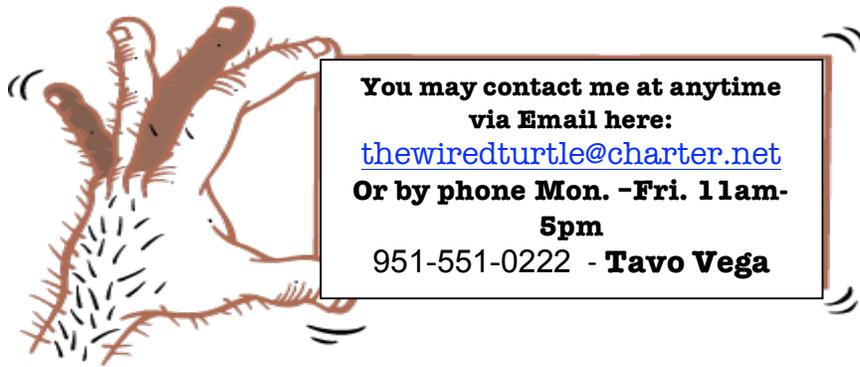
The MAJOR game changer in this pedal is Are the diodes. I've got common Diodes in the sockets and they are set In a Symmetrical pattern.



I have the lower one with the cathode(negative) on the left And the upper one with the cathode (stripe) on the right. Flip them in the exact opposite pattern and you will get A more compressed or thinner low mids 80s rawk grind..

Place both cathodes (negative striped side) to the Left (closest to the opamp) and the clipping texture Will become very open and low gain settings will Be Much much clearer. This is how I like it but.. because of most ears and a variety of Guitars being used, I have the diodes in The regular r\$t symmetrical pattern.

You cannot ruin the pedal putting in whatever order, youCan even leave them out, or use jumper wires. Removing one of the two silicon clipping diodes for a volume boost crunch tone is kinda raunchy fun, just experiment. Red or Yellow LEDs used will give you some **serious fuzz saturation** and can be mismatched top or bottom for variants On clipping. Even germanium diodes !. Tweak it to your hearts content



You may contact me at anytime
 via Email here:
thewiredturtle@charter.net
 Or by phone Mon. -Fri. 11am-
 5pm
 951-551-0222 - **Tavo Vega**

Heavy duty **9v power input** (-) tip, standard high quality audio boss PSA style adaptor *only*
 Note: Using a non regulated non audio quality 9 volt (-) tip 2.1mm power adaptor will void the one yr warrantee (original owner only)

distortion control,
 controls the amount of clipping. Set low for gritschy open overdrive, set halfway for good ol' 80s raunch n roll, or over the top for compressed fuzzed out fur.

OUTPUT jack
 Mono output only.

INPUT Jack
 Mono in only

Output volume Control – works in conjunction with your amps volume.
 Hint: Set above 1-2 o'clock for punchiness w/ dist low.



LED
 on/off
 Tru-
 bypass

Filter Control
 All the way left is open upper mids. Biting tooth on tap, as you dial to the right, its smooths out the rasp and the lower fluffy mids become prevalent. Interacts with the

