



This pedal is an improved version of the Dan Armstrong Orange Squeezer (Dan Armstrong is a registered trademark not affiliated with analog man).

Here are the basic specifications:

1. True Bypass
2. 3PDT stomp switch
3. Status LED
4. Power adaptor jack (Boss style)
5. External VOLUME knob
6. Re'an input and output jacks to isolate noise and make good contact.
7. Internal BIAS trim pot to adjust squashing/gain

The original Dan Armstrong Orange Squeezer is legendary for its smooth compression and "squashing" tone as used on many Steely Dan, Doobie Brothers, Dire Straits, and other classic albums. The attack of each note is compressed and the decay of the note is brought up somewhat, something like a tube amp's natural sag. There is not as much signal and noise-amplifying "sustain" (swell) as some compressor/sustainer pedals like the Ross, MXR Dynacomp, Boss CS-2 etc. It adds a bit of grit to the sound, sort of like a Dallas Rangemaster- a nice soulful sound. The Analog Man Juicer uses NOS 2N5437 transistors, NOS germanium glass diodes and JRC4558 chip for the smoothest sound. Also uses expensive high quality capacitors.

JACKS: Right is input, left output. Battery is disconnected when the input cord is removed. Always remove input cable when not being used as the battery will drain even when off.

POWER: 9V battery or 9V DC center negative adaptor (not AC! This will blow up the pedal!). Boss, Voodoo Lab, or Dunlop 9V DC center negative barrel adaptors will work but some adaptors may add some 60Hz hum, so using a battery is recommended. Current draw is about 10mA when effect is ON and under 4mA OFF, so a battery will last a long time. Higher voltage up to 18V is safe.

VOLUME KNOB: Sets the volume, can boost the signal somewhat to drive an amp further into distortion. Has about the same output level ON and OFF with the vol knob set at 10:00 - 11:00 (depending on BIAS setting).

BIAS TRIM POT inside of the pedal on the circuit board bottom left. This is the only tricky adjustment. It should be set by turning it up most the way, then hitting the open strings on the guitar. Now turn it counter-clockwise until the sound cuts out. Then SLOWLY turn it back clockwise until the sound comes back. If you turn it back until the sound barely comes on, you will not get as much volume as if you turned it further, but will get more SQUASHING on the attack and less flutter in the sound. If you turn it further, for more volume, you may not have as much squashing, and will also get a bit more noise and unsteadiness. It is a fine setting, I recommend marking the factory setting (if not already marked) and trying a bit on either side to see where you like it. Then mark your favorite setting and you should be able to leave it there. I like to set it at the point at which the volume is the same when the OS side is OFF and ON, when the OS VOL is set to about 11:00 when hitting the open strings on a Strat. But best to set it to where the volume is starting to ramp up as you turn it clockwise. For clean sounds, low settings are best. The sound is not as clean at higher BIAS.

ENJOY!!!!

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