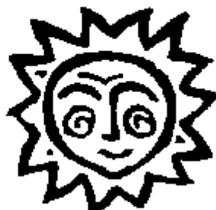


ANALOG.MAN



presents ...

the Silicon SUN FACE !

A little history

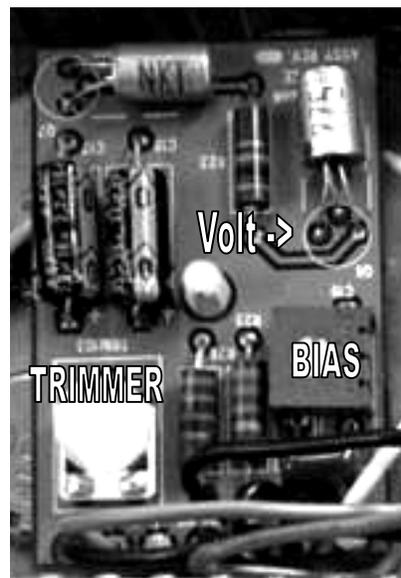
The Dallas Arbiter Fuzzface was one of the first Fuzz pedals, made in the mid/late 1960s. They became extremely popular due to Jimi Hendrix and other great players of the 60s and 70s. We have been modifying fuzzfaces to these early GERMANIUM specs for a long time, and started selling our SUN FACE to keep the cost down and quality high for people seeking the ultimate early fuzzface sound. We have made a bunch of Silicons with BC108 so now offer these too.



FEATURES

Our Silicon Sun Face is the 1969 and later Silicon circuit with a few tweaks to make it easier to use and sound better:

1. True bypass on / off switch, no loss of tone when off.
2. Battery disconnected when INPUT cord removed (input is on the right).
3. No Power jack or LED as these are detrimental to the ultimate fuzzface.
4. Battery should be a cheap non-alkaline general purpose battery, as found in the dollar stores. These will sound better than an alkaline.
5. This effect should not have any non-true bypass effects in front of it.
6. Volume Knob needs no explanation.
7. Fuzz knob : Best to keep it up pretty high, but all the way up may be noisy so back it down a hair. Use the VOLUME knob on your guitar or the TRIMMER knob to control the amount of fuzz.
8. TRIMMER KNOB : The white knob on the circuit board (TRIM103). You can turn this one with your fingers. Normal setting is full CCW (turn down), for full fuzz availability. This knob works the same as the VOLUME control on your guitar, which interactively cleans up the fuzz sound. When this knob is turned all the way up (CCW) it is completely out of the circuit, identical to an original 1969+ silicon Fuzz Face.
9. Standard Negative Ground pedal like normal pedals (germanium is opposite)
10. BIAS trim pot or SUNDIAL knob: This is the square trim pot seen on the right, or the knob in the center of the pedal's SUN FACE. It is set by us to the "sweet spot" for the fuzz, about 5 volts on the High transistor at about 70



degrees temperature. There will be a mark on the trim pot for this setting, or if you have the SUNDIAL it should be set with the face straight. You may try other settings, but DO NOT turn the bias trim pot up all the way, or much past the factory mark. The SUNDIAL can be turned up or down all the way. You can turn it down to get a stuttering, weak fuzz sound which can sometimes be useful. You can test the voltage so you can keep it set where you want it. Plug a cable into the input jack to power the pedal. Put the (-) lead to ground, one of the screw holes on the case will work. Put the (+) lead to the HIGH transistor leg closest to R23 (says VOLT-> on the picture). About 5 volts is best. I would not set it too high, much over 6 or 7 volts. When it is set at 4.5 to 5 volts, it is the same circuit as the original silicon fuzzface. You may find you need to turn it down (CCW) at higher temperatures, and up (CW) at lower temperatures. This BIAS adjustment allows it to work well at any temperature, but Silicon is not effected by heat like Germanium so you should never really need to change it.

ENJOY YOUR FUZZ!!!

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