DS1 MIJ VS MIT

by **Frogstomp89** » 24 Jan 2012, 21:38

Well guys, everyone here that makes the claim of them sounding different is on to something,

I play alot of NIRVANA songs that consist of drop d and everything and the ds1 I got from 86 sounds alot closer to NIRVANA then the 2008 MIT that I got rid of

I am using the same setting that I used for my MIT on my MIJ and I can hear a difference

Frogstomp89

Re: DS1 MIJ VS MIT

by **Zerksies** » 24 Jan 2012, 23:35

They used different op-amps. your 1986 has a 7 pin and the 2008 has an 8 pin. I find the 7 pins to have a clarity to them and not so buzzy as the modern ones

Zerksies

Re: DS1 MIJ VS MIT

by **Laurie** » 24 Jan 2012, 23:42

Of course it's not the number of pins that does this - the internal electronic structure of the opamps is different (the pins are a coincidence)

Laurie

Re: DS1 MIJ VS MIT

by **zombiwoof** » 25 Jan 2012, 19:18

The early black-label MIT DS-1's still had the Toshiba chip that was used in the MIJ version. They also have the older rectangular DC jack. You can get them for a lot less than the MIJ version, and they sound the same to me.

Al
zombiwoof

Re: DS1 MIJ VS MIT

by **BearBoy** » 25 Jan 2012, 20:38

So my black label MIT DS-1 from 1990 (August, according to the Boss Area serial number decoder) should sound essentially the same as a MIJ model? Always been tempted to pick up a MIJ one as everyone's always saying how much better they sound but maybe I don't need to?

BearBoy

Re: DS1 MIJ VS MIT

by **Zerksies** » 25 Jan 2012, 21:31

Yes it should sound exactly the same. I call the black label MIT DS-1 a poor mans MIJ you get the exact same circuit as a MIJ at a MIT price.

Zerksies

Re: DS1 MIJ VS MIT

by **BearBoy** » 25 Jan 2012, 22:38

Cheers Zerksies I can direct my GAS elsewhere (like energy, it can never be destroyed, only converted)

BearBoy

Re: DS1 MIJ VS MIT

by **Jeremy** » 26 Jan 2012, 05:40

its the same with the black label MIT DF-2s - they sound the same as the MIJs

and same with the OC-2s. The black label MIT (ACA) ones are identical, I believe

Are the green label MIT BF-2s the same as the green label MIJs?

Jeremy

Re: DS1 MIJ VS MIT

by **Zerksies** » 26 Jan 2012, 12:26

There has been no circuit change on the BF-2 so they should all sound the same

Zerksies

Re: DS1 MIJ VS MIT

by **Guga Ramone** » 27 Jan 2012, 14:43

I've recently bought a MIT DS-1 from 88 and it is slightly different from my MIT DS-1 from 06. You can get very similar sounds if you lower the tone pot on the newer one and I guess that in a band (live) environment no one would notice if it is an old or a new one. BTW, the newer one has slightly more volume with the knob dimed, but this is very simple to solve. =)

Guga Ramone

Re: DS1 MIJ VS MIT

by **Frogstomp89** » 28 Jan 2012, 22:47

agree certain settings for MIT can sound like MIJ
Frogstomp89

Re: DS1 MIJ VS MIT

by **mim#1** » 12 May 2012, 18:22

I have a couple black label MIT's and dont want to change a thing on either of them....except the volume. What is the best solution for adding more volume to the DS-1 I DONT want to change the clipping diodes to leds or change the volume pot, is there a resistor that targets the VOLUME output in these things?

mim#1

Re: DS1 MIJ VS MIT

by **Laurie** » 12 May 2012, 19:07

The output level of the DS-1 is constrained by the clipping diodes. You have two choices - change the diodes to LEDS (or diodes in series), or put a booster after it.

Laurie

Re: DS1 MIJ VS MIT

by **mim#1** » 13 May 2012, 18:59

Somebody had mentioned replacing R18 with a 1k or jumper, but one post over at FSB.org isnt enough for me to take the plunge.
Laurie, does that make any sense to you? I will probably keep mine stock and put a fetzer style boost after it, but inquiring minds want to know!

mim#1

Re: DS1 MIJ VS MIT

by **Laurie** » 13 May 2012, 19:25

The output amplifier is an "emitter follower" which has by definition a gain of no higher than "1" .... changing R18 will not change the output level.

Laurie

Re: DS1 MIJ VS MIT

by **Guga Ramone** » 14 May 2012, 00:35

You could remove the diodes in the pedal and measure the forward voltage on each one of them. Then you replace them with similar ones that have a slightly higher forward voltage.

Guga Ramone