GE-7: MIJ or MIT?

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GE-7: MIJ or MIT?

by **Jeremy** » 10 May 2012, 05:15

which is best

I have read that the MIT is noisier than the MIJ, and I have read (in a google search tab to a BAF discussion no longer retrieveable) that the MIT blows away the MIJ

Any opinions?

Last edited by Jeremy on 10 May 2012, 06:15, edited 1 time in total.

Jeremy
BOSSAREA GOLD
Posts: 678
Joined: 28 Nov 2011, 02:24
Location: 3 hrs south of the most isolated capital city in the world (Bridgetown, West Australia)

Re: GE-7: MIJ or MIT?

by **Jeremy** » 10 May 2012, 05:28

here is the quote from the google search:

"One thing we can probably all agree on: the GE-7 MIT blows away the MIJ. Much less noisy and "newer." I've never played a MIJ DS-1, but I will say that I think I ...

Jeremy
BOSSAREA GOLD
Posts: 678
Joined: 28 Nov 2011, 02:24
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Re: GE-7: MIJ or MIT?

by **Cavefish34** » 10 May 2012, 11:26

Jeremy.... I have always heard the Taiwan version is superior too... seems Arpegg said that on the previous forum(I think)

I have a Taiwan version and it seems to do just fine.... but if you really want a good one... The PQ-4 rules. I was astounded at how you could dial in the perfect tone.

Cavefish34
BOSSAREA GOLD
Posts: 268
Joined: 02 Dec 2011, 23:10
Location: Richmond, Virginia

Re: GE-7: MIJ or MIT?

by **Jeremy** » 10 May 2012, 11:36

Yeah - I've got a MIT one I'm quite happy with. A MIJ one has come up pretty cheap, so I'm considering that. I probably won't bother unless the MIJ ones are definitely a lot better

Jeremy
BOSSAREA GOLD
Posts: 678
Joined: 28 Nov 2011, 02:24
Location: 3 hrs south of the most isolated capital city in the world (Bridgetown, West Australia)

Re: GE-7: MIJ or MIT?

by **cctsim** » 11 May 2012, 00:28

The opamps on both MIT and MIJ version were selected for low power consumption and are not the best tone wise.

Socketing and trying practically any cheap modern opamp (JRC4558P, TL082, TL072, etc) brings massive tone improvements and removes the hiss that is there even in bypass mode on both MIT and MIJ versions.

cctsim
BOSSAREA GOLD
Posts: 119
Joined: 30 Nov 2011, 21:56
Location: United Kingdom

Re: GE-7: MIJ or MIT?

by **zentropa** » 28 Jul 2012, 04:45

This is a very applicable topic to me now that im in the market for one... I havent had a GE-7 since i sold mine in 99. I picked up an mij dirt cheap in like 1994 and used it with my rack head on its effects loop and didnt use it much beyond that.

Can anyone elaborate more on the differences? I've never owned an Mit version to reference.

zentropa
Posts: 530
Joined: 24 Jul 2012, 07:47

Re: GE-7: MIJ or MIT?

by **cctsim** » 29 Jul 2012, 21:12

The basic circuit is the same with only subtle changes.

The PCB has been redesigned.

Different opamp types are used in the gyrator filters, i.e. the TL022CPs have been replaced with NJM022D.

The opamp for the input buffer has been replaced with a dual NJM20685D. The original was using the HA1457W which was a single opamp.

The opamps in the mixer stages have been also replaced, i.e. the uPC4558C is now a NJM20685D.

The output buffer (and demphasis circuit) is using now the extra opamp from the NJM20685D whereas the MIJ uses a transistor in this place.

Some capacitor filter values have been increased from 100pF to 470pF.

Given the notorious performance of TL022CP, I'd say without mods the MIT will sound better. If you are willing to replace the opamps with higher fidelity ones then it doesn't matter if it's MIT or MIJ.

cctsim
BOSSAREA GOLD
Posts: 119
Joined: 30 Nov 2011, 21:56
Location: United Kingdom

Re: GE-7: MIJ or MIT?

by **zentropa** » 29 Jul 2012, 21:26

Thanks for the rundown. That's very comprehensive.

I won an mij on ebay this morning for about the same as what an mit would have cost me locally. I'll see how it goes. If I stumble upon a dirt cheap Mit I'll have a shoot out

zentropa
Posts: 530
Joined: 24 Jul 2012, 07:47

Re: GE-7: MIJ or MIT?

by **zentropa** » 17 Aug 2012, 04:26

I got my mij ge-7 today and it was as i remembered my old one being (sold in 1997).

Vs the mit...

The mij is noisier... More hiss on the low and low mids... Sort of a white noise feel to it.
It is also more organic sounding.

The mit is crisper with less noise, but it does inject some phantom "dead air" sound on the upper end.

Srock the mit seems a lot more metallic. Like, the buffered pedal string "clack" is a lot more present than on the mij.

End result: mij is gling on my main board. Mit is good enough to keep but is going on my secondary board.

zentropa
Posts: 530
Joined: 24 Jul 2012, 07:47

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