

Deluxe Memory Man input impedance increase and Gain reduction mods

You may want to keep this sheet inside the pedal.

1. **Input Impedance:** Stock impedance is too low, causing a dark tone especially on the dry signal when the effect is ON. This is most noticeable plugging a guitar directly into the DMM. If you have a buffer or another effect ON in front of the DMM you may not notice this problem much.

We raise it by adding a trim pot. This trimpot is usually a flat black thumb wheel. If it's a blue one, use a tiny screwdriver to GENTLY turn the white center part. If it's a round gray one, you can use a screwdriver or your fingers to GENTLY turn it. On the DMM it is located on the left of the board near where it says INPUT. On the DMMXO it is located on the right of the board near New Sensor Corp.

The pedal will not work if you remove or break this trimpot so be gentle. If it breaks, or if you don't want it anymore, just run a jumper wire to connect the points at which it was attached then you will be back to stock.

We set it to the mid point of it's range, about 100K. Turn the trimpot all the way towards where it gets loudest for the stock setting. Then you can fine tune it to where you like it. We should have a mark for where our 100K setting is.

2. **Gain reduction mod:** Gain is too high on these so the repeats are distorted if you play a loud sound into the DMM.

We decrease the gain with a trimpot. This is on the right of the board. There should be a mark at our favorite setting, which is usually the halfway point. If you don't get enough self-oscillation you can adjust it for higher gain by turning it up slightly. Turning it up all the way will be the stock amount of gain. If this trimpot breaks or you don't like it, you can simply cut it off to put it back to stock.

3. **Delay Time increase mod:**

DMM: This mod is a small capacitor added on the lower middle of the board. If you think the delays are sounding a bit too metallic and weird at the higher delay times that this mod gives you, simply turn down the DELAY time knob a little. At the normal delay times that the pedal had before this tweak, it will still sound the same. Or you can cut the cap off if the sound of the extra delay time is not usable to you.

DMMXO: This mod is on the back side of the board and not adjustable. If you think the delays are sounding a bit too metallic and weird at the higher delay times that this mod gives you, simply turn down the DELAY time knob a little. At the normal delay times that the pedal had before this tweak, it will still sound the same.

Have fun!

Regards, mike ~^v^~ aNaLoG.MaN ~^v^~ guitar effects

electro-harmonix