

Using Anti-Artifact Mode In DC SEVEN

One of the "Money" features in DC SEVEN has been the Artifact suppression mode of the Continuous Noise Filter. This cool new toy allows you to push the filters much harder and get better results before you hit that zone of doing more harm than good. This alone may be worth the price of the upgrade (of course, we still include the Narrow Crackle filter, Tune Library, Virtual Phono Preamp and tons of other stuff anyway) because like many of the new features in SEVEN, you get more bang (filtering) for the buck!

If you have tried it and not found it to be helpful, it may be because you are not setting it into its "sweet spot". Here's how to set it up for best effect:

- Use a higher FFT size - 4096 is likely the best one to try, but you may find you get better results at 8092. There's no way to know in advance since all audio is different.
- Forget the attack setting - it's grayed out and isn't used in AS mode
- Set the Artifacts slider to around 200 as a starting point. This is pretty low, so you'll have room to adjust as you listen
- As always, take a good, representative sample and click Preview
- Adjust the Attenuation slider. You'll have to push it higher than in normal mode - probably between 50-80. Adjust for good noise reduction.
- If you hear some artifacts, move up the Artifact slider. You should hear the artifacts decrease dramatically as you move the slider up. Only move it enough to give a good result.

If your audio is VERY noisy and you push the attenuation so high as to generate a LOT of artifacts, the suppressor will probably not result in perfect audio. It's designed to suppress artifacts that are annoying but not predominate - if you have LOTS of artifacts, it's time to take a step back and examine why you are getting so many.

Lastly, you may notice that things run a bit slower when you turn on artifact suppression. This is due to the massive amount of math being done to attack those pesky artifacts. In fact, it does about 4 times more math and will take longer to Run Filter as a result.

If you haven't yet taken the opportunity to upgrade to DC SEVEN, it's time to take the plunge. George is about to send us all checks and he wants us to spend them freely. Why not spend them with Tracer! This will not only help Tracer, but will help your country.