

## Digital Antidote Plus®

### Advanced Analogue Cure 3.0 for Digititis.

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#### What is it?

During the classic era of CD playback, the sound quality of digital to put it mildly, left much to be desired. In the early 1990s, the Digital Antidote by Anthony Taddeo<sup>1</sup> very successfully injected life back into Up/Oversampled digital playback.

The original Digital Antidote<sup>2</sup> was a passive device. A few years later came the Digital Antidote II<sup>3</sup> which was a solid-state design.

Both gained widespread acclaim as they made listening to CD far more enjoyable; making up for some of the ground lost to good vinyl playback.



Source: [www.goodsound.com](http://www.goodsound.com)

#### Digital Antidote Plus® is the version 3.0

Fast-forward to 2013 and even with the latest digital playback formats, there is still significant manipulation through Up/Oversampling of digital causing a major case of *digititis*.



Digital Antidote Plus® is the 21st century, most advanced version by iFi audio; for high-definition PCM/DXD/DSD and beyond. Its pure analogue circuit features active tube<sup>4</sup> technology underpinned by superlative component quality.

#### Why do I need it?

If you have a digital source that you struggle to listen to for long due to a feeling of “harshness”, “edginess” or “listening fatigue” this is commonly referred to as “digititis”.

When one compares good LP replay against CD, first, listen to perception of the acoustic space, then concentrate on instruments like cymbals and sibilance in human voices. This quickly makes clear what “digititis” is. It is undesirable and leaves your sub-conscious unsettled. It is quite literally, what the audio doctor would prescribe for almost<sup>5</sup> any digital audio-based system.

<sup>1</sup> <http://www.positive-feedback.com/ambackissues/Taddeointerview.htm>

<sup>2</sup> US Pat. 5436882, Method and device for improving digital audio sound, Anthony Taddeo.

<sup>3</sup> [http://www.soundstage.com/revequip/taddeo\\_digital\\_antidote\\_two.htm](http://www.soundstage.com/revequip/taddeo_digital_antidote_two.htm); <http://www.positive-feedback.com/ambackissues/Taddeodigitalantidote.htm>

<sup>4</sup> The iTUBE uses a New Old Stock General Electric 5670 valve, which is second only to the famous Western Electric WE396A.

<sup>5</sup> If your digital playback system is “Bit-Perfect” then you probably do not need the Digital Antidote Plus® as there is no Up/OverSampling.

## What does it do?

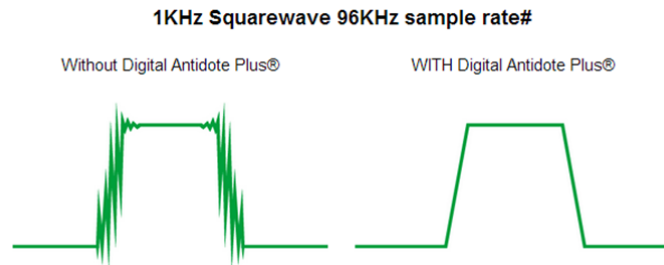
Digital Antidote Plus® significantly reduces ringing and digital distortion; two main contributors to “digital sound” that is oft described as aggressive and unpleasant.

The original patented Digital Antidote circuit takes the analogue input signal and executes various timing and phase correction duties, all in the analogue domain. This drastically reduces phase error introduced by the digital source as well as increasing the amplitude resolution (by nearly one bit).

Yes, there is a small roll-off effect but as one can see, it certainly is not a simple roll-off filter.

With the iTUBE’s Digital Antidote Plus®, this active tube “version 3.0” is ready for all digital formats right the way up to the latest high-resolution PCM/DXD/DSD and beyond.

Now you can finally relax and enjoy your digital audio for longer, thanks to Digital Antidote Plus®.



# The signals were taken directly from the pins of the respective DAC chip.

## How does it Sound?

In a nutshell, your digital should sound more tonally accurate, natural, simply faithfully to the performance:

- A piano (a musical instrument that is the most difficult to record and recreate) should sound “woody”, not “glassy” with just the right amount of attack and decay.
- A double bass should sound deep, but crisp and well-defined, not “screechy” or “edgy”.
- You should be able to easily differentiate between one female vocalist and another. They should not all sound more alike than different.
- All unnatural sibilance should disappear with the Digital Antidote Plus®.

Perhaps most important of all, just like good music, when the Digital Antidote Plus circuit has been engaged in the iTUBE, one should find they instinctively listen to their music for longer and difficult to take out of the audio chain. For us, this is the ultimate litmus test and one that it passes with flying colours.



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### About iFi

iFi™ is a subsidiary of Abbingdon Global. Abbingdon Global is also the parent company of Abbingdon Music Research (AMR).

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