



IsoTek[®]

2nd Edition

High Resolution Full System Enhancer



**4 tracks designed to fully burn-in
and demagnetise your entire audio system**

Includes over 65 minutes of burn-in, full system
demagnetisation & rejuvenation tracks



IsoTek is the world's leading brand of specialised power management products for hi-fi and home cinema systems. The company's founder and managing director is Keith Martin (pictured above), a man whose vision has led to dozens of awards from respected audio critics worldwide.

www.isoteksystems.com

Introducing 'The Full System Enhancer' from IsoTek

Welcome to Version II of IsoTek's award winning full system burn-in and demag technology. This disc is designed to maximise the performance of your audio system.

The original IsoTek Full System Enhancer CD addressed the essentials for burning in and demagnetising a conventional, CD-based hi-fi system. The High Resolution FSE disc adds two brand new features to that, looking both forwards and backwards in time: a track specially designed to condition phono stages in a manner LPs simply can't achieve, and one designed to exercise the full dynamic range of a 24-bit high-resolution music server system.

The IsoTek vision has always been to create high quality products that improve the performance of a complete audio or home theatre system. This has certainly been true of our award-winning range of power management systems and power cables. Our new High Resolution Full System Enhancer furthers this commitment. The disc you now hold will not only burn-in and demagnetise, but also rejuvenate your entire audio system, allowing it to function at its optimum level, whether your preferred source is analogue or digital.

It is important to exercise your system across the full range of frequencies and amplitudes it may encounter in real life. To this end the audio tones on this disc have been carefully and scientifically devised to cover the full audio band from top to bottom, utilising our unique algorithm. High amplitude signals are combined with high speed tones across the full frequency range, ensuring full system burn-in and demagnetisation is achieved.



There is good reason for the various signals and tones on this disc bearing no relation, perceived or calculated, to music. At first sight the problem of burning in a music system may seem to call for some kind of signal that resembles music in certain specifics but somehow 'works faster' in exercising and/or settling down the various components within the system. But while such a signal can be generated, it doesn't burn equipment in very fast and doesn't address the rejuvenation function either.

IsoTek have assessed this carefully, choosing to look at the problem or challenge from a slightly different perspective. At the risk of oversimplifying a complex situation with a faintly absurd everyday metaphor, what the equipment needs is a good aerobic workout with some nice taut stretches and bends. In electronic terms, the required signal features lots of high-speed activity coupled with some high-amplitude excursions. All of these signals have been produced according to strict mathematical criteria so as to place the greatest stress on the important parts of a system - WITHOUT, it is important to note, endangering any part of it. If this disc is played at normal listening levels (volume control set as for your favoured listening material) there is NOTHING in it that will damage any normal music system. Raising the volume level higher will NOT improve the disc's performance. If you play our disc at extremely high volume we cannot be held responsible for the damage that may occur.

The following pages contain detailed information about each track and its specific function.

Full system burn-in and demagnetisation

01

Full System Burn-In Demag *(30 minutes)*

IsoTek's multi-award winning burn-in and demag track has been polished for this new edition. A series of complex composite-algorithm signals designed to both thoroughly burn-in the system and break down magnetic fields, leading to complete demagnetisation. Suitable for all systems, please play on repeat at normal listening levels. No advantage will be gained by playing at excessive sound levels.

02

Weekly Enhance and Demag *(5 minutes)*

Play our rejuvenation track weekly to keep your system in top performance. This track, much shorter than the others, has been designed to be a rapid 'system refresher'. It can be used on a system that has recently benefited from a full burn-in procedure, or as a weekly cleanse or daily 'warm-up' prior to listening sessions.

Full system burn-in and demagnetisation

03

Phono Stage Burn-In Demag (*15 minutes*)

This phono stage track, intended to be used with an inverse RIAA filter, DO NOT play this track with the CD player connected directly to your phono stage. The track is similar to the regular system burn-in track (Track 1 on this CD) but with slight adjustments to the frequency range used and, importantly, a higher level of out-of-phase information. LPs are marvellous things but one trick they were never designed to master is out-of-phase bass, not least because this doesn't occur in most music. That's not a problem in normal use, but it does mean that the signal chain that handles music from an LP player never gets exercised in that way. The IsoTek phono conditioning track does exactly that. In all other respects it functions similar to the 'regular' burn-in track.

For best results use this track with the Blue Horizon Phono Burn-In box, www.bluehorizonideas.com. DO NOT connect your CD player directly to your phono stage.

Full system burn-in and demagnetisation

04

Music Server Hi-Res Burn-In Demag *(17.5 minute data track) Requires computer. Designed for music server based audio.*

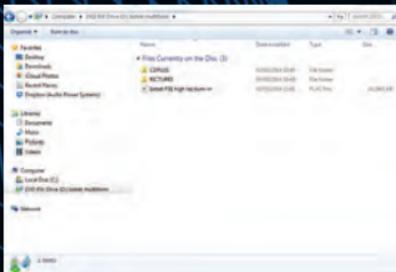
Because CD is fundamentally a 16-bit system, it is impossible to store a 24-bit track as regular music. Luckily, one of the many variants of the original audio-only CD is 'CD Extra', which includes a data track.

We have taken advantage of this to store a 24-bit conditioning track, and have further optimised matters by reducing its size using the 'Free Lossless Audio Codec' to make a FLAC file. To access this track, proceed as follows:

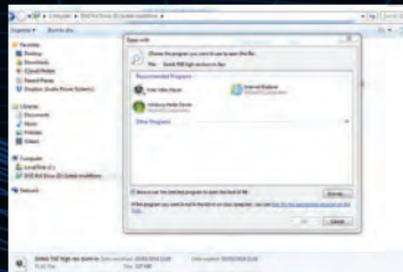
Load the CD into your home computer. Once the computer has finished reading the table of contents (and this can take a surprisingly long time) it will recognise that a data disc has been inserted. You can treat this file as if it were a normal file on any kind of removable media and copy it (using drag'n'drop or any of the usual keyboard shortcuts) to the computer's hard disc. The file name that you must select is, "IsoTek FSE high res burn-in.flac". Many music server software systems will handle FLAC files with no further processing, but if you need to decompress this file you can find FLAC decoders for every kind of computer platform via your usual internet search engine. Decompression will turn it into a 24-bit WAV file, or possibly an AIFF. Depending on your hardware and how it's set up you can either play this from your computer, music server, or copy it to removable media (most likely a USB stick) and play it using a USB enabled amplifier, CD player or dock.

Full system burn-in and demagnetisation

Why use a high-res track like this? In the digital domain, it exercises the smallest steps of a high-resolution digital-to-analogue converter, and in the analogue domain it fades to incredibly low levels in a progressive manner, giving even more subtle final demagnetisation than the original 16-bit disc version. The differences may not be huge, but in the context of a finely honed audio system every small improvement is important. Knowing you've done the job to the highest standards is also very satisfying!



Insert into a computer. Select "IsoTek FSE high res burn-in.flac", drag drop, or copy and paste.



If necessary download decompression software.

Building the foundations of great sound



It's vital to set up your audio system correctly to ensure it's performing at its best, and this disc will help you to achieve that goal. But did you know that its performance is also affected by the electricity you feed it?

Mains power is the first input into any audio system – it's the raw material from which the resulting sound is made – yet it's polluted by numerous contaminants. We are constantly bathed in a sea of RFI and EMI, which corrupts the electricity supply and degrades the performance of audio components. What's more, all the electrical items we use in our homes, from computers to washing machines, affect the supply and erode our systems' potential. For audio lovers, it's a serious problem. The solution? IsoTek.

The improvements delivered by IsoTek power conditioners are immediate and emphatic. The noise floor drops and the sound gains greater focus, with reduced grain and improved clarity. Bass is tighter and better defined, treble gains space and 'air', and the overall musical performance appears more solid and dynamic, and hence more 'real'.

An IsoTek mains conditioner doesn't just upgrade one component in your audio system; it enhances the performance of everything: source components, amplifiers, every piece of mains-powered electronics in your set-up. Without IsoTek, you are inhibiting your system's sound and thus your musical enjoyment – that's why an IsoTek power conditioner is the most important, most cost-effective upgrade you are ever likely to make.

Discover IsoTek and unleash your system's full potential. You'll be glad you did.



“The lift in performance
is quite remarkable”

IsoTek Aquarius Hi-Fi Choice



FULL SYSTEM POWER CONDITIONER
ISOTEK EVO3 AQUARIUS



OF AWARD
WINNING
EXCELLENCE

The power cleaning specialist

IsoTek's unique technologies win more awards than any similar brand. Below is a small selection of accolades from around the world...



"I was truly amazed at how much of an improvement the EV03 Sigmas is over the previous model. This product is truly awesome and can be regarded as an essential purchase."

IsoTek EV03 Sigmas – Hi-Fi World



"I can only congratulate IsoTek on this product. It is nothing short of superb."

IsoTek EV03 Titan – Hi-Fi World



"Accessory of the year 2013"
IsoTek EV03 Genesis – Hi-Fi Voice



"I was blown away... As the results show, overall distortion is less than a twentieth of that from the mains supply – an excellent result"

**IsoTek EV03 Genesis
Hi-Fi News**



"Best Accessory 2013... Combining radical ideas to vault-like build quality, electronic and mechanical noise is eliminated from your system with the Super Titan"

**IsoTek EV03 Super Titan
TONEAudio**



Hi-Fi Choice



"Your music will sound smoother, cleaner and much more immediate"

**IsoTek EV03 Super Titan
Hi-Fi Choice**



"A real buy recommendation for owners of better TV sets or high-quality projectors that still want to tease out the very best image quality."

**IsoTek EV03 Mini Mira
Lite Magazine, Germany**



Hi-Fi Choice



"The EV03 Optimum turns in an extremely impressive performance. The improvement it makes is profound and should leave no one in any doubt about the importance of mains power."

**IsoTek EV03 Optimum
Hi-Fi Choice**



"What I heard surprised and shocked me – for the first time, I was listening to the music and not the hi-fi... Tremendous instrumental separation, drained of distortion... Beautifully built and presented, this is an extremely effective mains conditioning device, worth every penny"

**IsoTek EV03 Super Titan
Hi-Fi World**



"A distinct lift in overall musical performance"

IsoTek EV03 Sirius – TechRadar



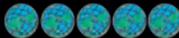
"This power cable is a no-brainer as far as I am concerned – the benefits of high-end power cable design, but without the high price. Recommended!"

IsoTek EV03 Premier – Hifi Pig



"Very highly recommended"

IsoTek EV03 Aquarius – Hi-Fi+



"Excellent value for money... A great real-world product that is useful and inexpensively upgrades your system"

IsoTek EV03 Sirius – Hi-Fi World



"In every instance it produced significantly superior results... You really don't know what any component is capable of if you are just plugging it into the wall"

IsoTek EV03 Genesis – Hi-Fi+



"We would not hesitate to suggest the Sirius as an effective upgrade for any system"

IsoTek EV0 3 Sirius – Hi-Fi Choice



"A statement product that shows what is possible, setting the standards in mains synthesis... The IsoTek Genesis enables you to hear – really hear – your hi-fi system, possibly for the very first time"

IsoTek EV03 Genesis – Hi-Fi World



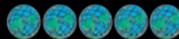
"This product is truly awesome in the effect it has upon a system and can be regarded as an essential purchase"

IsoTek EV03 Sigmas – Hi-Fi World



"[You hear] more space, lower noise and greater resolution... An increase in timing precision, depth of bass and a much greater sense of musical flow"

IsoTek EV03 Polaris – Hi-Fi Choice



"A top quality cable"

IsoTek EV03 Elite – Hi-Fi World



"The Big Daddy of power conditioners... It's like upgrading your whole system"

IsoTek EV03 Super Titan – Hi-Fi+



"The Aquarius is brilliant"
**IsoTek EV03 Aquarius
Record Collector**

This 4-track CD contains high and low frequency test tones, calibrated to a carefully designed mathematical algorithm to fully burn-in and demagnetise your audio or AV system.

Full System Burn-In and Demagnetisation Tracks

1. **Full System Burn-In Demag** *(30 minutes, can be played on repeat)*
2. **Weekly Enhance and Demag** *(5 minutes)*
3. **Phono Stage Burn-In Demag** *(15 minutes)*
Requires the Blue Horizon Phone Burn-In box. DO NOT connect your CD player directly to your phono stage.
4. **Music Server Hi-Res Burn-In Demag** *(17.5 minute data track)*
Requires a computer. Designed for music server based audio.

The High Resolution Full System Enhancer features four tracks designed to address burn-in and demagnetising of all audio hi-fi systems. The first two tracks can be used for all audio systems using CD as the source. The third track is specially designed to condition phono stages in a manner LPs simply can't achieve (requires the use of an inverse RIAA filter, not included). Finally the fourth track is designed to exercise the full dynamic range of a 24-bit high-res music server system.

IsoTek®



@IsoTekSystems



/IsoTekSystems



/IsoTekSystems



isoteksystems.com

© 2015 Audio Power Systems GmbH. All rights reserved. Unauthorised copy or reproduction of any part of this CD is prohibited and subject to prosecution. All rights of the producer and of the owner of the recorded work reserved. Unauthorised copying, hiring, lending, public performance and broadcasting of this recording are prohibited.

COMPACT
DISC
DIGITAL AUDIO

DDD