



The Revolutionary, Universal, Digital, System Control Solution.

dPlay – DA Preamplifier

dStream – Server/Streamer and System Enhancer

dVin – Phono-stage and A to D Converter

- Genuinely **state-of-the-art digital technology** and performance at real world prices.
- **Modular System Architecture** – allows you to have only those facilities you need and to grow the system over time.
- Unique and highly sophisticated MusIC Process (developed by Wadax Labs) – **revolutionary, algorithm-based, feed-forward error cancellation technology** eliminates parasitic errors that afflict conventional digital replay systems to deliver incredibly natural musical performance.
- **All-Source Solution** – offers interface, switching and control of all types of digital and analogue source material.
- Individual units will interface with existing systems.
- **Compact, Elegant Design** – steps away from bulky, old-school rack-mount aesthetics. Integral stands allow the units to be placed horizontally or vertically.
- **HDMI-based MiZiK Link** facilitates system interconnectivity
- Touch-screen interface or iPad control.





What is the MusiC Process?

All audio circuits are susceptible to parasitic error mechanisms, mechanical and electrical effects that distort and alter the musical signal passing through them. To make matters worse, these distortions differ depending on the size and nature of the signal and effect not just resolution and information, but time and phase relationships within the music. The result is a loss of detail and transparency, but also a blurring of the timing and rhythmic patterns that define music and separate it from random noise.

Wadax Labs (based in Madrid, Spain) have developed a sophisticated digital domain response to this problem. Using complex mathematical algorithms, they have been able to accurately model the behavior of a complete digital replay chain, from A to D input, through the digital to analogue converter and the associated analogue output stages that go with it. The model accurately predicts the error effect introduced by changing input loads, so that by examining the input signal, it is possible to add a corrective, error cancellation signal to eliminate the distortion. Built into their own, proprietary LSI chipset (the MusiC Chip) this technology forms the musical heart of the state-of-the-art

Wadax Pre 1 digital convertor/control unit, a product that has redefined the musical possibilities of digital replay systems. Incredibly versatile and musically accomplished, the Pre 1 has redefined performance expectations in the high-end audio community – at a price. This unique combination of do-it-all convenience and astonishingly musical performance doesn't come cheap.

Which is where MiZiK comes in...

By cutting the available facilities back to what people actually need and use (rather than including absolutely everything, just in case) you can reduce the massive amount of processing power demanded by the MusiC algorithms, allowing them to be loaded into commercially available chipsets, rather than the massively expensive, bespoke MusiC Chip. This has allowed MiZiK to incorporate the MusiC Process and its remarkable musical benefits into units that are a fraction of the price asked for the Pre 1. By further separating the essential functions into independent units that can be used on their own, or conveniently combined using the MiZiK Link HDMI bus-system, users can invest by stages in just the facilities they require, creating an incredibly practical and cost effective way of accessing this remarkable technology.

How much MiZiK do you need?

The MiZiK system consists of three modular and complementary units. They can be used individually or together, to deliver the precise facilities you require.

dPlay DAPre – The dPlay does exactly what it says on the tin: it is a digital to analogue converter and preamplifier. It allows you to switch between SPDIF and USB digital inputs (as well as the MiZiK Link connection to other MiZiK components) and provides variable output on either balanced or single-ended connections.

dVin – Phono-stage, A to D – is a combined phono-stage, line-level analogue input stage and 96K/24bit A to D converter. It offers inputs for an analogue source at line-level, as well as MM and MC cartridges. It also offers a choice of three switchable record replay EQ curves (RIAA, Decca and Columbia) and both S/PDIF and USB outputs, making it the perfect tool for optimized record replay and ripping vinyl discs to file storage.

dStream – Streamer/Server – is in many ways the heart of the MiZiK system, the mathematical engine that drives the sophisticated error correction system. Although this and the other two units will all



perform their individual functions to a remarkable level, the dStream embodies the MusiC Process that communicates with the other units via the MiZiK Link and lifts their performance substantially. Besides that, it is also a high-resolution network audio streamer, offers the facility for wireless connection to the system and provides a 2.5" hardware bay, allowing it to incorporate an on-board SSD capability. At launch, it will include compatibility with DSD, DSD2X and PCM files up to 192K/24bit, with a software upgrade to incorporate DXD and 384K/32bit PCM to be available shortly.

The Digital Vinyl Replay Revolution

At first glance it might seem that the dVin is aimed solely at listeners wanting to archive their vinyl collections for file replay – a task for which it is ideally suited. But that is also selling it short. While taking the fragile analogue output from your expensive MC cartridge and turning it digital will seem like heresy to many analogue fans, if you do it well enough it makes a lot of sense – and nobody does it better than MiZiK. Just as digital circuit blocks incorporate inherent error mechanisms, so too does analogue circuitry. In practice, the ability to eliminate error from the signal path – whether in the analogue or the digital domain – is an incredibly powerful tool. MusiC Chip technology does exactly that, something that is impossible in a pure analogue circuit. The results speak for themselves and you will be amazed at the performance delivered by such an affordable phono-stage when combined with the other MiZiK components.

The MiZiK System

MiZiK doesn't just look different, it really is different, heralding a whole new generation of audio components – components that take the high-fidelity concept seriously. With industrial design by Ochoa y Diaz-Llanos, MiZiK challenges conventional technology and functionality just as strongly as it challenges the governing audio aesthetic. With its solid monocoque construction and compact

dimensions, MiZiK recognises the mechanical imperatives of superior audio performance just as clearly as it rejects the domestic incongruity of 19" rack-mount casework. A MiZiK actively embraces new source solutions and new technological opportunities, creating a system response for a whole generation of digitally convergent consumers who just don't "get" high-end audio – as well as all those audiophiles who can see which way the wind is blowing.

The MiZiK components allocate their various functions with a completely new logic, one that is dictated by both the unique technology they employ and also changes in the world of music replay. The emergence of file storage systems has changed the digital landscape dramatically, throwing a new focus on both D to A and A to D technology. The MiZiK system's division of labour means that it's various functions can easily be combined (via the HDMI-based MiZiK Link) to create a single, universal switching/control solution. This could be added to an existing high-end system or used as the basis for a starter system, built one box at a time and growing in performance and capability. But that's only part of the story. In many ways the true versatility of MiZiK lies in the way it can be incorporated, step-by-step, into conventional systems, easing transition from the analogue focussed systems of the past to the file-replay solutions of the future.

This uniquely versatile package offers the user the choice of single, dual or triple box set-ups as required – each solution being equally viable. Any of the units is a high-performance product in its own right, quite capable of enhancing the capabilities of even the best systems. But combining the dStream with either the dVin phono-stage or the dPlay DAPre (or both) offers a further significant lift in performance, applying the MusiC Process to their already exceptional musical abilities. The result is astonishingly powerful, both in a technological and musical sense, offering musical performance that was previously impossible to achieve at this price level – simply because the available equipment was universally prone to the parasitic digital and analogue error mechanisms that the MusiC Process eliminates.

But best of all is the cost – MiZiK is a real-world system at a genuinely real-world price.

- Weight of one MiZiK Module: 5.5kg
- Dimensions in horizontal mode (WxDxH): 29 x 22.3 x 8.1cm
- Price per module: €1995 including sales tax

Manufacturer: Wadax Labs
www.MiZiKMusIc.com
Answers@MiZiKMusIc.com

