

Company & Vision

The Technology

Driven by a passion for music and its most accurate reproduction, Döhmman Audio strive to conceive, develop and create the most advanced analogue audio systems available today. In order to achieve this goal, Mark Döhmman identified the various challenges of analogue replay and researched industries such as aerospace, atomic microscopy and medical imaging to find superior solutions. He investigated new technologies that were tested and if proven to improve the sonic performance, they were then engineered into Döhmman designs.

Here's a selection of technologies that are incorporated into all Döhmman turntable designs:

- State-of-the-art custom designed Swiss manufactured motor
- Micro Signal Architecture© (MSA)
- Negative Stiffness Mechanism Vibration Isolation (NSM)
- Mechanical Crossover Technology (MCT)
- Tri-Modal Platter system (TMP)
- Edge Damping Ring (EDR)
- Tone arm Damping System (TDS)
- Resonance Tuned Suspension (RTS)
- Diamond Like Coating Amorphous Material Bearing Friction Modifier (DLC)
- High Torque Adjustable Drive (HTAD)
- Resonance Suppression Architecture (RSA)
- Advanced Composite Armboard (ACA)

The application of state-of-the-art technology is important, however we are human beings and our engagement with music is emotional in nature. In order to create a truly satisfying musical playback system, a deeper understanding of psychoacoustics is needed. For example, a violin built by a robot may have perfect symmetry & construction, but it simply won't sound as musically engaging as a violin built by an experienced master luthier. By drawing on decades of experience in analogue design and many hours of listening, we attend to the more subtle elements which influence the final listening experience.

Everything is important.

We are music lovers and vinyl fanatics. We believe that to unlock the potential of the information contained in the grooves of a vinyl record and experience absolute emotional engagement with an artist's work, it takes an audio system where attention has been placed on the smallest details and time has been taken to perfect the design.

Inspired by the unique vision of audio designer Mark Döhmman, Döhmman Audio leads a no-holds-barred assault on what is possible in contemporary audio turntable & tonearm design.

With a respectful nod to history, we look forward and strive to conceive and create the most advanced analogue audio systems available today. Incorporating technologies that have previously never been applied to audio applications, we create industrial works of art that simply out-perform any custom or commercially available turntable system in the world.

Every Döhmman Audio product is designed against the standard of perfect audio reproduction – live music.

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HELIX ONE

The Helix One Mk3 is engineered to deliver unparalleled performance in analog playback and is the result of many years of research, development, collaboration and listening by internationally acclaimed analog designer Mark Döhmnn and his team. Since an analog system is converting vibrational energy from the grooves of a record into an electrical signal, any vibrational energy (resonance) that is present at that point that does not come from the grooves will detract from the purity of the signal. Döhmnn Audio is well known for accurately identifying these resonance sources through resonance mapping and finding the best solutions to eliminate these unwanted energies, often using technologies from other industries that have never been implemented in audio before. This type of innovation and incremental improvement process is at the heart of Döhmnn Audio's ethos.

The Helix One Mk3 incorporates a fully integrated MinusK vibration isolation system, a mechanical crossover network which is designed to dissipate mid and high frequency vibrations, floating armboards, a custom designed Swiss-manufactured motor and carefully designed resonance dissipation pathways within the chassis.

Due to its sonic purity and realism, it has become the turntable of choice of many discerning audiophiles around the world and is considered a true reference for musical enjoyment. It has been critically acclaimed to be in the top echelon of turntables available at any price.



HELIX TWO

The Helix Two Mk3 incorporates the technological advances of the Helix One Mk3 into a smaller footprint with a single tonearm facility and is engineered to deliver unparalleled performance in analog playback. Döhmnn Audio is well known for accurately identifying resonance sources and finding the best solutions to eliminate unwanted vibrations, often using technologies from other industries that have never been used in audio before. This type of innovation and incremental improvement process is at the heart of Döhmnn Audio's ethos. As a result, the Helix Two Mk3 incorporates a fully integrated MinusK vibration isolation system, a mechanical crossover network which is designed to dissipate mid and high frequency vibrations, a floating armboard, a custom designed Swiss-manufactured motor and carefully designed resonance dissipation pathways within the chassis.

This attention to detail comes together to allow the music to be enjoyed with an outstanding level of realism and the more compact dimensions allow it to be used in smaller spaces and standard sized stands. Due to its heirloom quality craftsmanship and exceptional sonics, the Helix Two Mk3 is often chosen by discerning audiophiles around the world as their reference analog system. This precision piece of engineering simply 'unleashes' the flow of the music, allowing the full potential of the system to be achieved.



PRESS

"No turntable in my experience comes close to its sonic performance and you are guaranteed to hear your favourite LP's, indeed all of your LP's, as you've never before heard them – I don't care what table you use or have heard."

Michael Fremer (Stereophile)

"With roots in the fabled Continuum, it has pedigree to ensure greatness. This turntable redefines LP playback, at a 10th of the cost of the dearest. I am astounded."

Paul Miller (Hi-Fi News)

"This turntable gives an insight into the recording that's nothing short of jaw-dropping. It's a platform that deserves and demands the best arms and cartridges – preferably two of each – and the finest phono stages known to humanity. Still, you are rewarded with a level of sound quality previously only open to those in the studio control room when recording. And that it hints at still more from its vacuum hold-down platter when it arrives must make it a strong contender for the very best in LP replay today. It really is that good!"

Alan Sircom (Hi-Fi +)

"Spoiler alert: First off, the Helix Two MK2 Turntable isn't just 'really good' or merely 'outstanding'; it's a remarkable turntable, a global-level, first-class turntable. And it does all that it does in such a compact footprint that I'm hard-pressed to find a comparison. In my experience, there are only a few turntables that do so many things right without turning into some awful bit of audio sprawl. The Helix Two MK2 should fit in just about any audiophile's system... So the Helix Two climbs to my very short list of first-rank, top o' the heap turntables with a single, mighty bound. Mark Dohmann and company deserve very high praise for a turntable that is such an intelligent and well-engineered design."

Dr. David Robinson (Positive Feedback Online)

"I'm doing my utmost to resist declaring it 'The best ever'"

Ken Kessler (Hi-Fi News)

"This turntable exudes complete authority and control, and never leaves you feeling that there's more to be extracted from the grooves or that anything is being withheld dynamically, spatially, or in terms of detail resolution. It put Monk's piano right in the room."

Michael Fremer (Stereophile)