PUREFIDELITY

HAND-BUILT IN CANADA
SINCE 2015

The

Harmony mk2



Top-flight musicality meets timeless design.

PUREFIDELITY.CA

“I believe music should be experienced in its truest form. Our handcrafted turntables blend timeless craftsmanship with cutting-edge precision, delivering an unrivaled listening experience for audiophiles. With customizable designs and heirloom-quality construction, each piece is built to last and inspire, bringing every note to life with clarity and soul.”

John Stratton
TURNTABLE MASTER CRAFTSMAN, CEO





THE HARMONY MK2

The heirloom turntable that *started it all.*

The Harmony delivers the emotional connection to music you only get from the highest echelon of analog playback. It starts with the balance of Pure Fidelity's hybrid design. The midrange is rich, and the timbre of instruments and voices is real and tangible. The noise floor is uncommonly low, a silent background from which music emerges with detailed highs and superb bass resolution. The deck carries our most comprehensive countermeasures against shelf-borne vibration and resonance.

Ultra MDF plinth.

The Harmony's plinth is built on a 50 mm core of Ultra MDF, a material with higher density, better fibres and better machinability than standard MDF. It allows far more precise assembly and helps control resonance.

The hybrid design.

The plinth has a major impact on how a turntable sounds. High-mass designs can have solid bass but sound dull. Low-mass designs can have good speed and dynamics but often sound bright. Suspended decks can time well but may lack bass. To combine the best of each, John Stratton developed the hybrid approach: intermediate mass built on an Ultra MDF plinth. The result is a neutral balance, bass that is strong without being slow and highs that are detailed without being bright. When each turntable is complete, John signs the plinth.

"The Harmony is perfect for the vinylphile's sky's-the-limit demands, present and future."

ANTHONY KERSHAW, AUDIOPHILIA

RECOGNITION

Stereophile Recommended Components, 2023 to 2026

Audiophilia Star Component 2023

Audiophilia Product of the Year 2019

ISOLATION

What the cartridge hears that *is not music.*

A phono cartridge converts vibration into signal, and it cannot tell the record groove from the room. Sound from the loudspeakers, footfalls and the shelf itself all reach the stylus. The Harmony addresses this at every layer.



6061 aircraft aluminum *isolation platform*

Three-quarters of an inch (19 mm) of 6061 alloy, the grade used in aircraft and automotive structures, with a Young's modulus of ten million psi. Separated from the plinth by GAIA IV footers so the hybrid design is preserved.

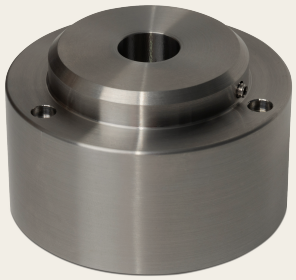
19 MM · CNC MACHINED · 6061 ALLOY



IsoAcoustics GAIA IV *footers*

IsoAcoustics' patented GAIA footers have earned wide industry recognition. We worked with IsoAcoustics to develop a lower-profile version for Pure Fidelity turntables. Four of them mount beneath the isolation platform; the plinth rests in machined pockets on top of it.

FOUR FOOTERS · PATENTED · CUSTOM LOW PROFILE



Aluminum *arm board*

Standard on the Harmony. CNC-machined aluminum gives the tonearm a rigid, stable foundation, damping vibration that would otherwise colour the sound. A stainless steel arm board is available as an upgrade.

ALUMINUM · STAINLESS UPGRADE · 1/1000 INCH TOLERANCE



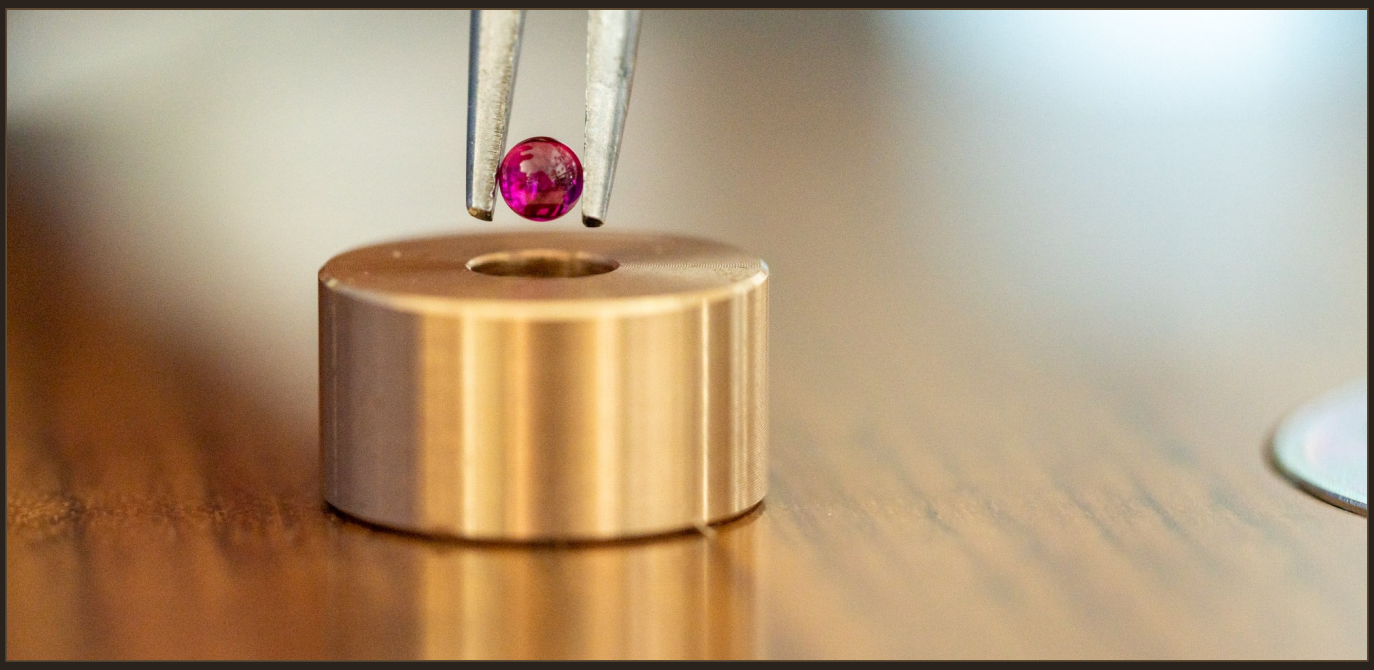
Ultra-precise *CNC machining*

The isolation platform, plinth, sub-platter, Delrin platter and even the foam packing carriers are CNC machined using custom tooling with a repeatable tolerance of 1/1000 inch, about a third the thickness of a human hair. Every Harmony is built to the same standard as the last.

1/1000 INCH · CUSTOM TOOLING · CONSISTENT

THE DRIVE SYSTEM

A ruby bearing in a *bronze shaft.*



The output of a phono cartridge is amplified thousands of times before it reaches the loudspeakers, so small imperfections in the drive system become audible. The Harmony's platter turns on a single ruby bearing. Ruby is rated 9 on the Mohs scale; only diamond is harder. A hundred steel bearings cost less than one ruby. We use ruby.

The bearing shaft is bronze rather than the industry-standard brass. Bronze is stronger, more durable and has a lower coefficient of friction.

Consistent rotational speed is what keeps pitch and timbre intact. Large speed errors change pitch; small, brief ones blur the character of instruments. The Harmony's drive combines the Conductor speed controller, a 12-volt AC synchronous motor, a stainless steel pulley, two round-section drive belts and a CNC-machined aluminum and stainless steel sub-platter.

9
Mohs hardness, ruby bearing

±0.003%
Quartz-locked speed accuracy

48 mm
Delrin platter

1/1000″
Repeatable machining tolerance

SPEED CONTROL

The *Conductor.*

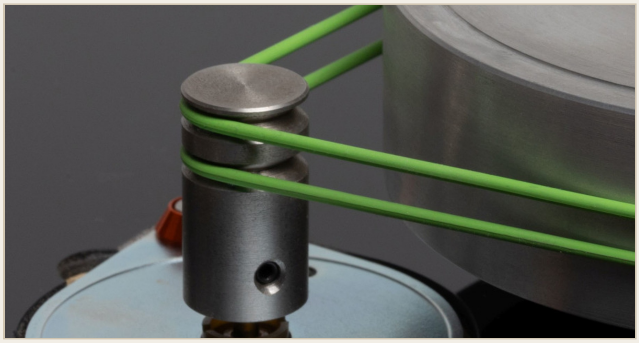
Standard with the Harmony. The Conductor SE, with its larger transformer, is available as an upgrade.



Conductor *speed controller*

The Conductor uses a quartz lock that holds rotational accuracy to within ±0.003%, with separate rear-panel pitch adjustments for 33⅓ and 45 rpm for records cut before such precision was standard. It isolates the motor from the noise and spikes of household mains and drives it with a pure, stable sine wave.

QUARTZ LOCK · ±0.003% · SE UPGRADE AVAILABLE



AC synchronous motor, *pulley and belts*

Our 12-volt AC synchronous motor is quiet and stable, with custom modifications that reduce cogging (unwanted pulses of torque) to the point of elimination. After listening trials across belt styles and configurations, we settled on two round-section belts driven from a stainless steel pulley.

12 V AC · TWO BELTS · STAINLESS PULLEY



48 mm *Delrin platter*

Glass platters ring. Aluminum platters ring. Both need a mat to control it. Delrin is an engineering thermoplastic with high stiffness, low friction and excellent dimensional stability, and it shares many properties with vinyl itself. It has the mass to hold speed and needs no mat.

48 MM · NON-RESONANT · NO MAT REQUIRED

Finishes. *Built to order.*



Hawaiian Koa
SATIN

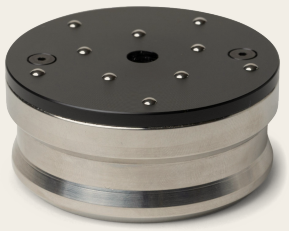


Santos Rosewood
SEMI GLOSS



Quilted Maple
HIGH GLOSS

Hawaiian Koa, Santos Rosewood, Quilted Maple and Walnut are our standard finishes. New finishes are added regularly, and custom finishes are available on request. Enquire through your dealer or at purefidelity.ca.





SS-10 *record isolator*

Standard with the Harmony. Machined from stainless steel with ten micro stainless steel balls set in black Delrin, the SS-10 slips over the spindle and rests on the record label. It flattens and stabilizes the LP and suppresses the micro-vibration around the label that can veil the music. 0.75 inch tall, 2.75 inch diameter, 1.7 lb (20 by 70 mm, 760 g).



Acrylic *dust cover*

Optional. Quarter-inch acrylic with polished edges and the Pure Fidelity logo set into the rear panel, manufactured to museum-quality specification. 19 in wide, 16 in deep, 8 in high.

PACKAGING

Every component ships in super-dense foam carriers, CNC machined like the parts they protect.

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THE HARMONY MK2

Specifications.

PLINTH	Ultra MDF, 50 mm core
ISOLATION PLATFORM	6061 aluminum, 19 mm
FOOTERS	IsoAcoustics GAIA IV, four
ARM BOARD	Aluminum, stainless steel upgrade available. Custom-made for Origin Live and Audio Origami
BEARING	Ruby on bronze shaft
SUB-PLATTER	Aluminum and stainless steel
PLATTER	Delrin, 48 mm
MOTOR	12 V AC synchronous
DRIVE	Two round-section belts, stainless steel pulley
SPEED CONTROL	Conductor, quartz locked, ±0.003%. Conductor SE upgrade available
SPEEDS	33⅓ and 45 rpm, independent pitch trim
RECORD ISOLATOR	SS-10, included
FINISHES	Hawaiian Koa, Santos Rosewood, Quilted Maple, Walnut. Custom finishes on request.
CONFIGURATION	Available with or without tonearm and Stratos MC cartridge
DIMENSIONS	17 in W, 14 in D, 7.5 in H (430 by 355 by 190 mm)
WEIGHT	45 lb (20.4 kg)

Warranty, *five years.*

Extended to ten years with registration at purefidelity.ca within the first year of ownership.

Scan for the Harmony, finishes and dealers.

Old world craftsmanship. New world precision.

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