



# Dynavector MC Cartridges and Tonearm

Since 1978, as a high end audio manufacturer, Dynavector has been delivering numerous high performing cartridges around the world. Our founder was a professor of mechanical engineering and when it comes to development, we strongly believe and follow his tradition to always take "an approach based on academic engineering theory".

Starting with our uniquely developed high-performance vibration system, including ultra-fine wire high-output coils and jewel cantilevers, we began to focus on the importance of magnetic circuits in the 1990s. As a result, we have developed flux dumpers that stabilize magnetic flux as well as soft magnetism that reduces magnetic flux fluctuations in our cartridges.

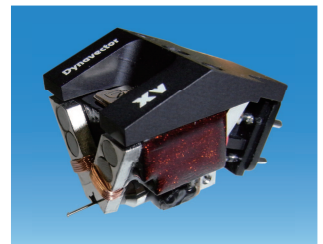
In 2024, we successfully improved the physical magnetic circuit properties to achieve ideal performance that dramatically elevates sound quality with our newly developed special annealing technology.

## MC Cartridge Series

### DRT XV-1t

The Urushi lacquered over a precision machined component of heat treated bamboo body supports a magnetic circuit configuration of 8 alnico magnets. The coil bobbin, made of ultra-pure high-grade iron, is precision machined into a cross shape minimizing the vibration system mass. It is the top model that maximizes Dynavector's technology for an emotive musical experience, achieving unmatched musical realism making one clearly imagine each instrument, performer or groups warm and rich presence.

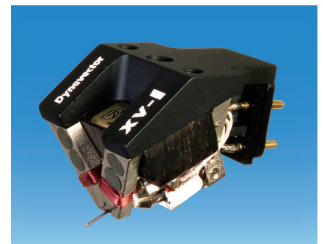
- Output Voltage:0.35mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 30dB • Compliance:10mm/N • Impedance:24ohms
- Stylus tip:PF Line contact shape • Cantilever:Solid boron • Tracking force:1.8 - 2.2g • Weight:12.0g



### DRT XV-1s

With 8 alnico magnets individually placed this series has a unique and innovative magnetic circuit design. The installed magnetic equalizer ensures that stable magnetic forces are distributed to each winding coil. One can instantly hear the generational change in the music, achieving a rich natural presence and realism. It is the most representative Dynavector MC Cartridge with a precision machined African ebony body.

- Output Voltage:0.3mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 30dB • Compliance:10mm/N • Impedance:6ohms
- Stylus tip:PF Line contact shape • Cantilever:Solid boron • Tracking force:1.8 - 2.2g • Weight:12.6g



### Te Kaitora Rua

Inheriting the alnico magnets and magnetic equalizer from the XV series, the opened structured titanium body produces neutral playback sound focusing on resolution and speed. It realistically reproduces information on the vinyl and allows one to enjoy music regardless of the genre.

- Output Voltage:0.26mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 30dB • Compliance:10mm/N • Impedance:6ohms
- Stylus tip:PF Line contact shape • Cantilever:Solid boron • Tracking force:1.8 - 2.2g • Weight:9.8g



### DV XX-2A

This model uses our newly developed special magnetic annealing technology, which enhances the properties of pure iron used in the magnetic yoke. By realizing an ideal magnetic circuit, the sound quality is drastically improved and provides excellent resolution without distortion, enabling a smooth wide-range expression and spacious sound field during your listening experience.

- Output Voltage:0.28mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 30dB • Compliance:10mm/N • Impedance:6ohms
- Stylus tip:PF Line contact shape • Cantilever:Solid boron • Tracking force:1.8 - 2.2g • Weight:8.9g



## Exchange service for phono cartridges

Dynavector's "Exchange service" means that we replace the damaged cartridge with new same model under discount price. Also most of older models are covered under exchange service.

Using exchange service needs send back your damaged cartridge and some procedure.

For details, please contact Dynavector official retailer or authorized distributor in your country.

## DV XX-2 MkII

This standard model is packed with Dynavector's unique technology, such as using alnico magnets to provide a stable magnetic force and using a wire-wound coil as a flux damper. With its housing structure that covers the magnetic circuit, it is an easy to use and maintain MC cartridge that offers a discernible improvement in sound quality.

- Output Voltage:0.28mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 30dB • Compliance:10mm/N • Impedance:6ohms
- Stylus tip:PF Line contact shape • Cantilever:Solid boron • Tracking force:1.8 - 2.2g • Weight:8.9g



## KARAT 17DX

By using a diamond cantilever with an extremely short length of 1.7 mm, this model has an unparalleled high resonance frequency of 100 kHz. With a completely flat frequency response over a wide frequency range, it offers astounding analog playback that is on a different level compared to other cartridges.

- Output Voltage:0.3mV • Frequency response:20 - 20,000Hz ( $\pm 1$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:15mm/N • Impedance:32ohms
- Stylus tip:Micro-Ridge • Cantilever:1.7mm length solid diamond • Tracking force:1.8 - 2.0g • Weight:11.0g



## DV 20X2A-H/L NEW

The DV 20X2A is a basic model of the Dynavector MC cartridge series. It has a solid aluminium alloy body, hard aluminium cantilever and a Micro-Ridge stylus tip. The magnetic circuit uses pure iron that has stable magnetic properties with minimal distortion. Furthermore, it is performed special annealing that focuses on optimizing the magnetic annealing process.

- Output Voltage:2.8mV / 0.3mV • Frequency response:20 - 20,000Hz ( $\pm 2$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:12mm/N • Impedance:150ohms / 5ohms
- Stylus tip:Micro-Ridge • Cantilever:Hardened aluminium pipe • Tracking force:1.8 - 2.2g • Weight:9.2g



## DV 20X2-H/L

A high value model featuring a solid aluminium-alloy body and an aluminium tube fitted cantilever. There are two output variations, a high output model (20X2-H) and a low output model (20X2-L). The high output model is an MC cartridge that is suitable for MM inputs. The cantilever is a 6mm length of hard aluminum pipe with a Micro-Ridge stylus.

- Output Voltage:2.8mV / 0.3mV • Frequency response:20 - 20,000Hz ( $\pm 2$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:12mm/N • Impedance:150ohms / 5ohms
- Stylus tip:Micro-Ridge • Cantilever:Hardened aluminium pipe • Tracking force:1.8 - 2.2g • Weight:9.2g



## DV 10XA-H/L NEW

This is the latest model of the 10X series, which has been popular worldwide as a high output MC cartridge since 1978. The traditional red body features a highly solid aluminum head block, and an aluminum tube fitted cantilever with a "Shibata III" stylus. Tracking ability is never a problem along with enhanced musical reproduction.

- Output Voltage:2.8mV / 0.5mV • Frequency response:20 - 20,000Hz ( $\pm 2$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:12mm/N • Impedance:150ohms / 32ohms
- Stylus tip:Shibata III • Cantilever:Hardened aluminium pipe • Tracking force:1.8 - 2.2g • Weight:7.5g



## DV 10X5 MkII

This is the latest model of the 10X series, which has been popular worldwide as a high output MC cartridge since 1978. The traditional red body features a highly solid aluminum head block, and an aluminum tube fitted cantilever with a "Shibata III" stylus. Tracking ability is never a problem along with enhanced musical reproduction.

- Output Voltage:2.8mV • Frequency response:20 - 20,000Hz ( $\pm 2$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:12mm/N • Impedance:150ohms
- Stylus tip:Shibata III • Cantilever:Hardened aluminium pipe • Tracking force:1.8 - 2.2g • Weight:7.5g



## DV 10X5 MkII LOW

An entry model recommended for those using MC cartridges for the first time. With slightly higher output voltage 0.5mV it is compatible with entry-class step-up transformers and head amplifiers.

This model will allow you to fully enjoy the uniqueness and charm of MC cartridges.

- Output Voltage:0.5mV • Frequency response:20 - 20,000Hz ( $\pm 2$ dB) • Channel balance: < 1.0dB
- Channel Separation: > 25dB • Compliance:12mm/N • Impedance:32ohms
- Stylus tip:Shibata III • Cantilever:Hardened aluminium pipe • Tracking force:1.8 - 2.2g • Weight:7.5g



## ASKA-H/L **NEW**

ASKA, born from a desire to bring the magic of MC cartridges to a wider audience without compromising Dynavector's high-end philosophy. By inheriting the design principles and craftsmanship refined in our flagship models, ASKA delivers an open, low-distortion sound at an accessible price point.

- Output Voltage:2.8mV / 0.3mV
- Frequency response:20 - 20,000Hz ( $\pm 2$ dB)
- Channel balance: < 1.0dB
- Channel Separation: > 25dB
- Compliance:12mm/N
- Impedance:150ohms / 5ohms
- Stylus tip:Elliptical
- Cantilever:Hardened aluminium pipe
- Tracking force:1.8 - 2.2g
- Weight:5.8g



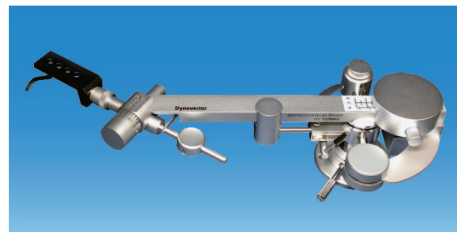
## Tone Arm

### DV 507 MkII

A bi-axis, inertia controlled, tone arm: A main arm that operates horizontally and a sub-arm that operates vertically.

It matches well with any type of cartridge, and exhibits outstanding performance over a wide range of low to high frequencies.

- Overall length:306mm
- Effective length:241mm
- Overhang:15mm
- Offset angle:21.5degree
- Optimum cartridge weight:15 - 35g including headshell
- Horizontal tracking angle error:0 degree at inner band of record, 2.2 degree at outside
- Output connection:5P connector
- Headshell connection:EIA standards 4 Pin connector
- Net weight:1,380g



## Phono Cable

### CP-1

Born from countless hours of prototyping and listening, the CP-1 phono cable delivers a powerful sound boasting an overwhelming resolution that conveys the delicate tones of instruments and the subtle breaths of the vocalist. This cable delivers optimal performance not only for Dynavector phono cartridges but for all phono cartridges and tonearms.

- Conductor:Stranded Construction using ultra-fine copper wire
- Structure:Unique 6 Core Structure
- Shield:Double shielding with ultra-fine copper wire
- Outer Diameter:8.5mm
- Cable Length:1.5m
- Insulator:PVC
- RCA Plug:Rhodium plated, Collet chuck type
- DIN Plug:Rhodium plated, Straight DIN



## Step-UP MC Transformer

### SUP-200

This is a high quality MC step-up transformer that uses a high magnetic permeability core and OFC wire.

In addition to the double magnetic shielding provided by the mu-metal casing, it is thoroughly shielded by the thick aluminum shielding case. The terminals are rhodium plated.

- Step-Up Gain:26dB (3ohms/47kohms at 1kHz)
- Frequency Response:20 - 100kHz (+0.5dB, -1.0dB)
- Channel Balance: < 0.1dB (at 1kHz)
- Channel Separation: > 90dB (at 1kHz)
- Input Impedance:3ohms - 35ohms
- Dimensions:W120mm x D100mm x H60mm
- Weight:1.15kg

