

# Dynavector

## TECHNICAL DATA

	DRT XV-1s	Te Kaitora Rua	XX-2	17D2MKII	20XH/20XL	10XS
Type	Low output MC with multi alnico magnets and flux damper	Low output MC with alnico magnet	Low output MC with flux damper and alnico magnet	Low output MC with flux damper and softened magnetism	High/Low output MC with flux damper and softened magnetism	High output MC with flux damper and softened magnetism
Output voltage	0.3mV	0.26mV	0.23mV	0.26mV	2.8mV / 0.3mV	2.5mV
Frequency response	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±2dB)	20-20,000Hz (±2dB)
Channel balance	within 1dB	within 1dB	within 1dB	within 1dB	within 1dB	within 1dB
Channel separation	30dB	30dB	30dB	25dB	25dB	25dB
Compliance	10 mm/N	10 mm/N	10 mm/N	15 mm/N	12 mm/N	12 mm/N
DC resistance	6 ohms	5 ohms	6 ohms	38 ohms	150 ohms / 5 ohms	150 ohms
Sylus	PF line contact	PF line contact	PF line contact	Micro-ridge	Perfect elliptical	Elliptical
Cartilever	Solid boron	Solid boron	Solid boron	Solid diamond	Hard aluminium pipe	Aluminium pipe
Recommended load resistance	>30 ohms	>30 ohms	>30 ohms	>100 ohms	>1K ohms / 30 ohms	>1K ohms
Tracking force	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.0g	1.8 - 2.2g	1.8 - 2.2g
Cartridge weight	12.6g	9.8g	8.0g	5.3g	8.6g	6.6g

Authorised Dealer or Distributor

## Dynavector Moving Coil Cartridges

### 'The Leading Edge'

For more than 25 years Dynavector's Moving Coil cartridges have continuously enjoyed worldwide acclaim due to a combination of innovative design, advanced production techniques and an unwavering commitment to the musical source.

Over the same period many new formats such as Compact Disc, MP3, SACD and DVDA have come to dominate music reproduction. However many audiophiles consider that these digital mediums leave much to be desired when compared to analogue recordings.

Consumers, and the recording companies remain confused as to which digital medium will become the standard and in the meantime the vast heritage of recorded music, spanning almost a century, is placed in jeopardy.

Fortunately Dynavector have never capitulated to the giant digital industry and have continued to refine their unique range of MC cartridges, providing music lovers with the highest standard of music reproduction that matches or surpasses any digital source.

Leading the charge is the legendary Dr Tominari's last stroke of genius, the XV-1. This unique masterpiece was superb in its original form and with the refinements added to the XV-1s, heralds a whole new generation of cartridge performance.

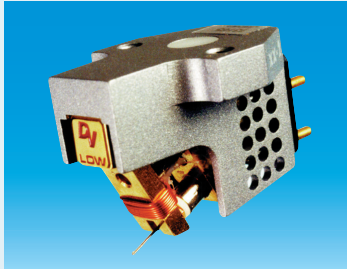
At any price point, the audiophile can be guaranteed that a Dynavector MC cartridge will both move and excite the listener to new heights of listening pleasure. A pleasure for many that comes only from a genuine analogue source.

### Dynavector Systems,Ltd

16-15 Iwamoto-cho 2-chome  
Chiyoda-ku Tokyo 101-0032 Japan  
Phone 813-3861-4341, Fax 813-3862-1650  
[Http://www.dynavector.co.jp/](http://www.dynavector.co.jp/)

## DV XX-2

*Low output with boron cantilever*



The XX-1 was the first cartridge to feature the "magnetic flux damper" (patent) and "softened magnetism" (patent) processes that eliminated variations in the magnetic field that are so detrimental to MC cartridge performance.

The XX-2 retains these innovations and features advanced new alnico magnets. The XX-2's new magnetic circuit offers a further discernible improvement in sound quality.

## DV 10X5

*High output with aluminium cantilever*

The Dynavector 10X series debuted in 1978 winning the prestigious Design and Engineering Award at the Chicago CES in 1978 and again in 1981. The 10X5 is the latest version and incorporates Dynavector's unique magnetic flux



damping and softened magnetism (patent) along with powerful neodymium magnets. The 10X5 also features a newly designed aluminium head block to provide a rigid platform for the cartridge motor and a secure mount to the tonearm.

## DV PHA-200

*Current maximizing phono head amplifier*



By using current amplification, the effects of magnetic distortion within a MC cartridge can be considerably reduced. Sound quality improvements are easily recognised when compared to any other conventional head amplifier or step-up transformer.

Suitable cartridge impedance: 4-8ohms / 12-24ohms / 30-50ohms,  
S/N ratio: > 62dB (flat), gain: depends on the current sensitivity of cartridge,  
Size: 160W x 186D x 60H mm, weight: 1,100g

## KARAT-17D2MKII

*Low output with diamond cantilever*



17D2MKII Karat Diamond is the first cartridge built using 'dispersion' theory. Its Micro-Ridge stylus and very short (1.7mm) solid diamond cantilever give a huge reduction in 'frequency dispersion', unmatched dynamics and a high frequency

extension all the way up to 100kHz. The latest patented magnet circuit design increases the output to 0.26mV with crystal clear mid-range and treble even during the largest symphonic crescendos.

## DV 20XH/20XL

*High/Low output with hard aluminium cantilever*

DV-20X has a solid aluminium-alloy body similar to the XX-2. The cantilever is a 6mm length of hard aluminium pipe with a perfect elliptical stylus. The magnetic flux damping and softened magnetism along with powerful neodymium



magnets gives the 20XH a healthy 2.8 mV output - suitable for most MM inputs. The 20XL has an output of 0.3 mV ideal for most MC phono stages.

## DV-507MKII tonearm

*Bi-Axis Inertia controlled, Dynamic Balance Type*

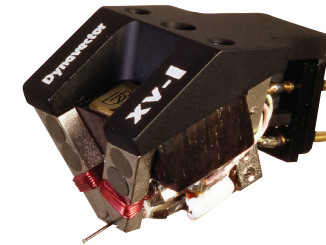


The DV507 is a bi-axis, inertia controlled, tonearm and allows any type of cartridge to trace the signal groove with extreme accuracy. The DV507 also provides outstanding tracking for warped record. Resolution and musical detail are remarkable.

Total length: 306mm / effective length: 241mm / overhang: 15mm / offset angle: 21.5 degrees / total weight: 1,380grms / EIA standards 4P headshell connector

## DV DRT XV-1s

*Innovative design of the magnetic circuit*



The XV-1s has a unique magnetic circuit. It comprises 8 small alnico magnets. The magnetic path is then divided into two. In the magnetic gap, a specially designed magnetic flux equalizing piece is placed. Then on the

front yokes, magnetic stabilizing coils are wound. This produces a more linear magnetic field, and therefore lower output distortion, than any existing MC cartridge.

Dynavector's ongoing research program has pushed the MC performance boundary further with the new XV-1s. The specifications of the new "s" model remain the same as the XV-1. However a significant upgrade in both magnetic and body materials have achieved a startling improvement in imaging, and a sound "as smooth as silk" over the entire frequency range.

## Te Kaitora Rua

*Titanium head with silver wire and boron cantilever*

The original Te Kaitora cartridge was the result of collaboration between Dynavector Japan and Dynavector New Zealand. The Te Kaitora allowed analogue enthusiasts to embark on a voyage of discovery to the outer limits of vinyl reproduction. The improved Te Kaitora Rua continues the journey by incorporating many of the newest features of its Dynavector stable-mates, the XV-1s and XX-2. The Te Kaitora Rua has even managed to improve on the its original's silk-like treble and openness.



Note: Te Kaitora means "The Discoverer" in the language of the NZ Maori people, Rua is the second version.