

# Dynavector

## TECHNICAL DATA

	DRT XV-1s	Te Kaitora	XX-2	17D2MKII	20XH/20XL	10X5
Type	Low output MC with multi Alnico magnets and flux damper	Low output MC with flux damper and softened magnetism	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	0.25mV	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	4 ohms	6 ohms	38 ohms	150 ohms / 5 ohms	150 ohms
Stylus	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	8.8g	8.0g	5.3g	8.6g	6.6g

Authorised Dealer or Distributor

## Dynavector Moving Coil Cartridges

### 'The Leading Edge'

Since their conception more than 25 years ago Dynavector's Moving Coil cartridges have continuously enjoyed world wide acclaim due to their combination of innovative design, advanced production techniques and a never ending faithfulness to the musical source.

Over the same period many new formats such as Compact Disc, SACD and DVDA have dominated music reproduction, however many audiophiles still consider that these digital mediums leave much to be desired in comparison to analogue recordings.

Both consumers and it seems, the recording companies remain confused as to which of these digital mediums will become the standard and in the meantime the vast heritage of recorded music from the last 100 years 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 ensuring a high standard of music reproduction that surpass or at least equals any digital source.

Leading the charge is the legendary Dr Tominari's last stroke of pure genius the XV-1 superb in its originality and even more seriously advanced in the new XV-1s version.

At whatever price point the audiophile can be guaranteed of a Dynavector MC cartridge that will both move and excite the listener to new heights of listening pleasure. A pleasure that for many only comes 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 reject the magnetic fluctuation that is detrimental to a MC cartridges performance.

The XX-2 retains the benefit of the flux damper but features the Alnico magnets. These have many magnetic advantages and offer a discernible improvement in sound quality.

## 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 length) solid diamond cantilever give a reduction in 'dispersion' along with improved high fre-

quency extension all the way up to 100KHz. The latest Dynavector's patented magnet circuit design achieved higher output of 0.26mV with crystal clear mid-range and treble even during the largest symphonic crescendos.

## DV DRT XV-1s

Innovative Design of Magnetic Circuit



The XV-1s has a unique magnetic circuit. This comprises 8 small AL-NICO 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 than in existing MC cartridges.

Dynavector continue to research and have pushed the boundary further with the new XV-1s. Although the specifications remain the same a significant up upgrade in both magnetic and body parts achieve a startling improvement in imaging, along with a smooth as silk extension over the entire frequency range.

## 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 both 1978 and 1981. The 10X5 now features Dynavector's unique magnetic flux damping and softened magnetism (patent) along with powerful Neodymium magnet. The 10X5 also features a newly designed Aluminium head block to provide a rigid platform for the cartridge motor and secure fixing to the tonearm.



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 magnet gives out

20XH a healthy 2.8 mV at a suitable impedance for most MM inputs. The 20XL has an output of 0.3 mV ideal for most MC phono stages.

## DV 20XH/20XL

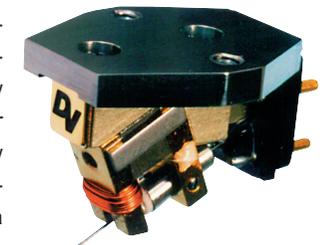
High/Low output with Hard Aluminium cantilever



## Te Kaitora

Titanium head with Silver wire and Boron cantilever

The Maori name gives away the fact that Te Kaitora is a collaboration between Dynavector New Zealand and Dynavector Japan. Dynavector New Zealand encouraging Dynavector Japan to build a no holds barred cartridge.



Te Kaitora is the result. A titanium headblock is used for lightness and rigid construction. The Te Kaitora has a 6mm solid boron cantilever fitted with a Pathfinder line contact stylus. The coils are wound out of very fine silver. A compliance of 10 CU and weight of 8.8 grams make it compatible with arms from Well Tempered, Linn, Naim, SME and others.

## DV PHA-100

Current maximizing Phono Head Amplifier



By using current amplification, magnetic distortion of MC cartridge can be considerably reduced. Sound quality is easily recognized to be different from that of any other head amplifier or step-up transformer.

suitable cartridge impedance:  
4-7 ohms / 30-40 ohms  
S/N ratio: > 62dB(frat)  
size:120W x 176D x 45H mm  
weight: 900g

## DV-507MKII tonearm

Bi-Axis Inertia controlled, Dynamic Balance Type



As it is a bi-axis inertia controlled tonearm the DV507, no matter the type of cartridge can trace the music signal grooves cut in the recording with extreme accuracy. The DV507 also provides superb trackability on warped recordings. Resolution and musical detailing are quite remarkable.

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