

Dynavector

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 the refinements added to the XV-1s, herald 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.

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TECHNICAL DATA

	DRT XV-1s	DRT XV-1s mono	Te Kaitera Rua	XX-2 MKII	17D3	20XH/20XL	10X5
Type	Low output MC with multi Alnico magnets and flux damper	Low output MC with multi Alnico magnets and flux damper	Low output MC with flux damper and 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	0.28mV (horizontal)	0.26mV	0.28mV	0.3mV	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 (±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	6 mm/N	10 mm/N	10 mm/N	15 mm/N	12 mm/N	12 mm/N
DC resistance	6 ohms	7 ohms	6 ohms	6 ohms	38 ohms	150 ohms / 5 ohms	150 ohms
Sylus	PF line contact	PF line contact	PF line contact	PF line contact	Micro-ridge	Micro-ridge	elliptical
Cartridge	Solid boron	Solid boron	Solid boron	Solid boron	Solid diamond	Hard aluminium pipe	Aluminium pipe
Recommended load resistance	>30 ohms	>30 ohms	>30 ohms	>30 ohms	>100 ohms	>1k ohms / 30 ohms	>1k ohms
Tracking force	1.8 - 2.2g	2.6 - 3.2g	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.2g	1.8-2.2g
Cartridge weight	12.6g	12.6g	9.8g	8.9g	5.3g	8.6g	6.6g

Authorised Dealer or Distributor

Te Kaitora Rua

Titanium head with 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 original Te Kaitora silk-like treble and openness.

DV XX-2 MKII

Low output with boron cantilever

The DV XX-1 was the first cartridge to feature a "magnetic flux damper" (patent) and softened magnetism" (patent) processes that reject the magnetic fluctuation that is detrimental to the performance of moving coil cartridges. The



The DV XX-2 MKII retains the benefit of the flux damper but features the Alinco-5 magnet and the similar rigid construction to the Te Kaitora Rua. The XX-2 MKII's new magnetic circuit offers a further discernible improvement in sound quality.

DV 10X5

High output with aluminium cantilever



The DV-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 the magnetic flux damping and softened

magnetism 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.

KARAT-17D3

Low output with diamond cantilever



17D3 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 main change to the new 17D3 is an improvement in the design of the front yoke. This appears, on the surface, to be a small difference yet contributes to a greatly improved overall performance justifying a model number change.

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 Micro-Ridge 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 DRT XV-1s mono

Breathes new life into mono recordings



The new Dynavector XV-1s mono cartridge has been developed to answer the many requests from mono record lovers worldwide. The XV-1s mono has not been designed as a typical, old fashioned mono cartridge, but

developed as a true high fidelity component. It is designed to provide the highest performance and extract the greatest musical expression possible from mono records.

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. 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.

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 recordings. Resolution and musical detail are remarkable.

The new MKII version of the Dynavector DV507 tonearm has made its long-awaited debut, building on the strengths of the original DV507 which has enjoyed the highest reputation

Total length:306mm / effective length:241mm / overhang:15mm / offset angle: 21.5 degrees / height:59mm lifts up to 92mm / total weight:1,380grms / output connection:5 pin Din connector / EIA standards 4P headshell connector /