

# Dynavector Moving Coil Cartridges

## 'The Leading Edge'

For more than 30 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 given in 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 matching or surpassing 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 further refined with the XV-1s and the XV-1t. They herald a whole new generation of cartridge performance.

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

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# Dynavector

### TECHNICAL DATA

	DRT XV-1t	DRT XV-1s	DRT XV-1s mono	Te Kaitiara Rua	XX-2 MKII	Karat 17D3	20X2H/20X2L	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 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	High output MC with flux damper and softened magnetism
Output voltage (1KHz/5cm/s)	0.35mV	0.3mV	0.28mV (horizontal)	0.26mV	0.28mV	0.3mV	2.8mV / 0.3mV	2.5mV
Frequency response (1KHz/5cm/s)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±1dB)	20-20,000Hz (±2dB)	
Channel balance (1KHz)	within 1dB	within 1dB	—	within 1dB	within 1dB	within 1dB	within 1dB	within 1dB
Channel separation (1KHz)	30dB	30dB	—	30dB	30dB	25dB	25dB	25dB
Compliance (1KHz)	10 mm/N	10 mm/N	6 mm/N	10 mm/N	10 mm/N	15 mm/N	12 mm/N	12 mm/N
DC resistance	24 ohms	6 ohms	7 ohms	6 ohms	6 ohms	32 ohms	150 ohms / 5 ohms	150 ohms
Stylus Tip	PF line contact	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 boron	Solid diamond	Hard aluminium pipe	Aluminium pipe
Recommended load resistance	>75 ohms	>30 ohms	>30 ohms	>30 ohms	>30 ohms	>100 ohms	>1K ohms / 30 ohms	>1K ohms
Tracking force	1.8 - 2.2g	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
Weight	12.0g	12.6g	12.6g	9.8g	8.9g	5.8g	9.2g	7.3g

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 the XX-2 MKII. The Te Kaitora Rua has even managed to improve on the original Te Kaitora silk-like treble and openness.

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## 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 eliminates the magnetic field fluctuation that is detrimental to the performance of moving coil cartridges. The DV XX-2 mklI retains the benefit of the flux damper and now features Alinco-5 magnets and the similar rigid construction to the Te Kaitora Rua. The XX-2 mklI's new magnetic circuit offers a further discernible improvement in sound quality.



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## 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.

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## 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 20X2H/20X2L

*High/Low output with hard aluminium cantilever*

DV-20X2 has a solid aluminium-alloy body similar in construction to the XX-2 mklI. This provides a rigid platform for the cartridge motor and secure mounting to the tone arm. The cantilever is a 6mm hard aluminium tube fitted with a Micro-Ridge diamond stylus. Magnetic flux damping and softened magnetism (patents) along with powerful neodymium magnets gives the 20X2H a healthy 2.8 mV output, suitable for most MM inputs. The 20X2L has an output of 0.3 mV ideal for most MC phono stages.



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## DV DRT XV-1s stereo/mono

*Ground-breaking magnetic circuit design*



The XV-1s achieves an entirely new level of performance with Dynavector's ground-breaking magnetic circuit design. It offers unmatched linearity of the magnetic field and lower distortion than any other MC cartridge ever made. It has 8 small alnico magnets and a unique V shaped front yoke fitted with magnetic stabilising coils. One can instantly hear the generational change offered by the XV-1s - the music has a rich natural presence and realism. A Mono version is available that transforms treasured mono recordings.

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## DV DRT XV-1t

*New flagship cartridge--further pursuing the ideal*



The new DV XV-It is unmistakably a Dynavector and follows on from the unique XV-1s. The beautiful body is a Urushi lacquer applied over precision machined, heat treated bamboo carefully selected for both design, elegance and acoustic performance.

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While technology abounds within the XV-It, Dynavector's "raison d'être" is making the technology invisible and allowing music to emerge as never before.

A new silky smoothness is added to the unmatched musical realism achieved by the XV-1 cartridges and as a result each instrument, performer or group is clearly imaged with a warm and rich presence. Dynavector believe that this emotive musical experience cannot be achieved by any digital source and with the XV-It they have created a "Super Analog World".

## 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 mklI 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 among audiophiles world-wide since its appearance in 1984.

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 /