

# Dynavector

## TECHNICAL DATA

	<b>DRT XV-1t</b>	<b>DRT XV-1s</b>	<b>DRT XV-1s mono</b>	<b>Te Kaihora Rua</b>	<b>Karat 17DX</b>	<b>XX-2 MKII</b>	<b>20X2H/20X2L</b>	<b>10X5 MKII</b>
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 Alnico magnet and flux damper	Low output MC with flux damper and softened magnetism	Low output MC with Alnico magnet and flux damper	High/Low output MC with flux damper and softened magnetism	High output MC with flux damper and softened magnetism
Output voltage (KHz/5cm/s)	0.35 mV	0.3 mV	0.26 mV (horizontal)	0.26 mV	0.3 mV	0.28 mV	2.8 mV / 0.3 mV	2.8 mV
Frequency response (KHz)	20-20,000 Hz (±1dB)	20-20,000 Hz (±1dB)	20-20,000 Hz (±1dB)	20-20,000 Hz (±1dB)	20-20,000 Hz (±1dB)	20-20,000 Hz (±1dB)	20-20,000 Hz (±2dB)	20-20,000 Hz (±2dB)
Channel balance (KHz)	within 1dB	within 1dB	—	within 1dB	within 1dB	within 1dB	within 1dB	within 1dB
Channel separation (KHz)	30 dB	30 dB	—	30 dB	25 dB	30 dB	25 dB	25 dB
Compliance	10 mm/N	10 mm/N	6 mm/N	10 mm/N	15 mm/N	10 mm/N	12 mm/N	12 mm/N
Impedance	24 ohms	6 ohms	7 ohms	6 ohms	32 ohms	6 ohms	150 ohms / 5 ohms	150 ohms
Stylus Tip	PF line contact	PF line contact	PF line contact	PF line contact	Micro-ridge	PF line contact	Micro-ridge	Shibata3 line contact
Cartridge	Solid boron	Solid boron	Solid boron	Solid boron	Solid diamond	Solid boron	Hard aluminium pipe	Hard aluminium pipe
Recommended load impedance	>75 ohms	>30 ohms	>30 ohms	>30 ohms	>100 ohms	>30 ohms	>1K ohms / 30 ohms	>1K ohms
Tracking force	1.8 - 2.2 g	1.8 - 2.2 g	2.6 - 3.2 g	1.8 - 2.2 g	1.8 - 2.0 g	1.8 - 2.2 g	1.8 - 2.2 g	1.8 - 2.2 g
Weight	12.0 g	12.6 g	12.6 g	9.8 g	11.0 g	8.9 g	9.2 g	7.5 g

## Dynavector Moving Coil Cartridges

### 'The Leading Edge'

For more than 40 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. Now the latest version of the renowned Karat series the truly remarkable Karat 17DX continues to ensure Dynavector remains the preeminent MC Phono Cartridge manufacturer. 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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## 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.

## 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 MKII retains the benefit of the flux damper and now features Alnico-5 magnets 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 MKII

*High output with hard aluminium cantilever*



Debuting at the Chicago CES and winning the prestigious Design and Engineering award in both 1978 and 1981. This new DV 10X5 MKII now features the nude diamond "Shibata III" line contact stylus and hardened cantilever assembly. Tracking ability

is never a problem along with enhanced musical reproduction. The solid aluminium head block provides an excellent platform to easily secure the 10X5 MKII to the tonearm.

## KARAT 17DX

*Low output with diamond cantilever*



The new 17DX version of the KARAT is based on Dynavector's unique 'Dispersion Theory'. Improvements include: Solid machined Brass body, Samarium Cobalt magnets, lower coil resistance and the still incredible 1.7mm long cantilever with Mirco

Ridge Stylus. Culminating in a brand new 17DX that will astound the listener with articulate yet musical reproduction of analog recordings.

## DV 20X2H/20X2L

*High/Low output with hard aluminium cantilever*

DV-20X has a solid aluminium-alloy body similar in construction to the XX-2 MKII. 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.



## DV DRT XV-1s stereo/mono

*Ground-breaking magnetic circuit design*



The XV-1s series achieve an entirely new high level of performance with Dynavector's innovative 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 stabilizing 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.

## DV DRT XV-1t

*New flagship cartridge--further pursuing the ideal*



The new DV XV-1t 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.

While technology abounds within the XV-1t, 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-1t 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 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 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:1,380g / output connection:5 pin Din connector / EIA standards 4P headshell connector /