

## 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*

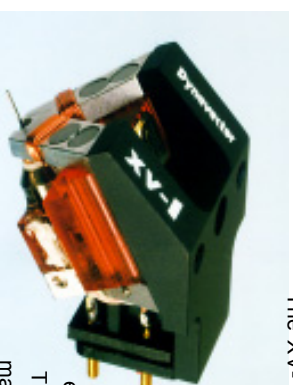


17D2 MK2 'Karat Diamond' is the first cartridge built using 'dispersion' theory. Its Micro-Ridge stylus and very short (1.7mm length) solid diamond cantilever give a reduction in 'dispersion' along with improved high frequency extension all the way up

to 100KHz. The 'MK2' incorporates Dynavector's patented magnet circuit to provide crystal clear mid-range and treble even during the largest symphonic crescendos.

## DV DRT XV-1

*Innovative Design of Magnetic Circuit*



The XV-1 has a unique magnetic circuit. This 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 than in existing MC cartridges.

The result? - Deeper, more accurate bass, brighter, but smoother treble and better separation. Thus it handles effortlessly the smooth string note and heavy dynamics of big orchestral works. After hearing the music produced by the XV-1 even 'high-end' CD players sound thin, harsh and lacking in any real deep bass.

## DV-20XH/20XL

*High/Low output with 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 an elliptical stylus. This cantilever assembly is coupled to sets of coils in the 20XH

that give out a healthy 2.5 mV at a suitable impedance for most MM inputs. The 20XL has an output of 0.25 mV ideal for most MC phono stages.

## DV-10X4 MKII

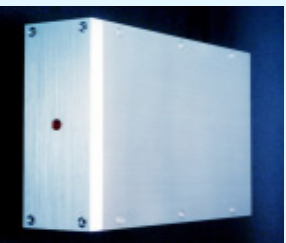
*High output with Aluminium cantilever*



Since its debut in 1978, 10X cartridge has been widely accepted as the best high output MC cartridge at its price point and well beyond. Output is 2.5mV and loading 47K ohms, which means it will work well into most phono stages designed for MM cartridges. Now the 10X4MK2 is further improved with a redesigned magnet circuit giving greater dynamic performance and musicality.

## DV PHA-100

*Current maximizing Phono Head Amplifier*



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

- ▶ Suitable cartridge impedance: 4-7 ohms / 30-40 ohms
- ▶ S/N ratio: more than 62dB(frat)
- ▶ Size: 120W x 176D x 45H mm
- ▶ Weight: 300gms

## DV-507 tonearm

*Bi-Axis Inertia controlled, Dynamic Balance Type*

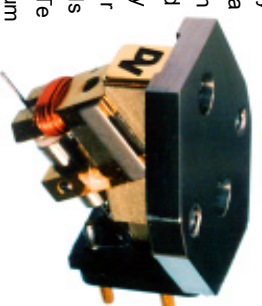


DV-507 is a specially designed tonearm which has bi-axis inertia separation in vertical and horizontal directions.

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

## 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. They encouraged Dynavector Japan to design a no holds barred cartridge and 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.

# Dynavector

## Dynavector Moving Coil Cartridges 'At the Cutting Edge'

Since Dynavector's MC cartridges first appeared almost 20 years ago, they have enjoyed world-wide acclaim due to their combination of superb design and advanced production techniques.

Over the same period the introduction of the Compact Disc has taken much of market share for music reproduction. However many audiophiles soon learnt that the new digital medium left much to be desired. Recently the introduction of new multimedia formats and the dispute over formats such as DVD-Audio and SACD have left consumers confused and holding CD collections with an uncertain future. This along with the massive clout wielded by the digital industry has put at risk the heritage of recorded music from the last 100 years.

Dynavector has decided to fight back in order to protect the vast existing stock of recordings in analogue media, by producing a cartridge capable of musical reproduction above, or at least equal to any digital source. The XV-1 cartridge was designed to meet this ambitious brief and has succeeded in providing the finest analogue reproduction possible.

The entire range of Dynavector cartridges strive to produce the best possible reproduction from your records by incorporating innovative solutions in their design.

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### TECHNICAL DATA

	DRT XV-1	Te Kaitora	XX-2	17D2MKII	20XH/20XL	10X4MKII
Type	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 softened magnetism	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	0.23mV	2.5mV / 0.25mV	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	270 ohms / 5 ohms	270 ohms
Stylus	PF line contact	PF line contact	PF line contact	Micro-ridge	Perfect elliptical	elliptical
Cartridge	Solid boron	Solid boron	Solid boron	Solid diamond	Hard aluminium pipe	Aluminium pipe
Recommended load resistance	30 ohms	30 ohms	30 ohms	100 ohms	47K ohms / 30 ohms	47K ohms
Tracking force	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.2g	1.8 - 2.0g	1.8 - 2.2g	1.5-1.9g
Cartridge weight	12.6g	8.8g	8.0g	5.3g	8.6g	4.6g

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