



# Dynavector DV- DRT XV-1s

## ■ Description

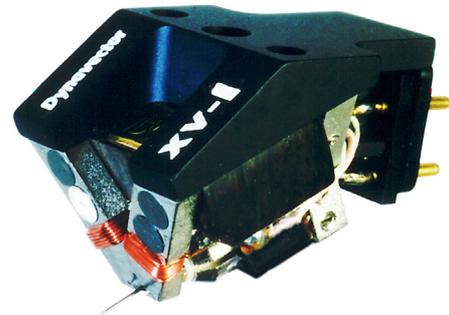
Since Dynavector's MC cartridges first appeared almost 25 years ago, they have enjoyed great success worldwide due to their combination of advanced design and production techniques. Dynavector decided to fight back in order to protect the vast existing stock of recordings in analog media, by producing 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.

At a glance, the XV-1 is different from all cartridges that have gone before. Its magnetic circuit comprises 8 small ALNICO magnets. The magnetic path is 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. By this special combination, the magnetic field becomes widely homogeneous and more linear than the conventional magnetic design that is common 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.

## ■ Specifications

Type	: Low output MC cartridge with Multi alnico magnets and Flux damper
Output voltage	: 0.3mV (at 1KHz, 5cm/sec.)
Frequency response	: 20 - 20,000Hz (±1dB)
Channel Separation	: 30 dB (at 1KHz)
Channel balance	: 1.0 dB (at 1KHz)
Compliance	: $10 \times 10^{-6}$ cm/dyne
Impedance	: R= 6 ohms
Stylus	: Line contact PF
Cantilever	: 6mm length solid boron
Tracking force	: 1.8 - 2.2 grams
Weight	: 12.5grams



## ■ Principal Improvements

1. The XV-1s is the latest evolution of Dynavector design and features the advanced multi magnet design that stabilizes the magnetic flux density between the front yoke and the equalizer component, around the air gap.

The XV-1s also features a revolutionary square shaped front aperture with a matching square shaped armature this enables the moving coil wound armature to move in an equalized and stable magnetic flux.



Although slightly smaller in dimension the front yoke aperture is also square shape to match the armature along with a square shaped counterbore to the equalizer component part.

2. The material used to stabilize the magnets is ebony wood.

3. Stylus guard in now available.



As result the XV-1s breathes new life into analogue recordings old or new.

A serious advancement in analogue music reproduction

**Dynavector Systems, Ltd.**