

Dynavector Moving Coil Cartridge 20X H and 20X L

■ Description

Dynavector gained a reputation 20 years ago for producing affordable high quality moving coil phono cartridges. Many music lovers were introduced to the advantages of moving coil for the first time through Dynavector ownership. A major factor was the availability of high output Dynavectors designed to work with MM inputs so saving the expense of having to change electronics to suit a low output MC. Dynavectors crucial breakthrough was to design a coil winding machine capable of working with extremely fine wire so giving a high output to mass ratio.

Dynavector are delighted to announce a new model in two versions. **The Dynavector 20X-H and 20X-L.**

The designs draw from Dynavector's top end XX-1. The 20's have a similar body shape to the XX-1 and share the same aluminium alloy body material. This makes a rigid platform for the cartridge motor and aids secure fitting to the arm.

We picked a 6mm hard aluminium pipe cantilever with a PE (perfect elliptical) nude diamond stylus for the 20's. This cantilever assembly is coupled to sets of coils in the 20X-H that give out a healthy 2.5 mV at a suitable impedance for most 'moving magnet' inputs. And, in the 20X-L an output of 0.25 mV suited to most 'moving coil' input stages.

Both versions have been made available to help users get the best result for their own circumstances. The high output model suits valve pre-amps, basic amplifiers that only offer MM or amplifiers with less accomplished MC sections. Using a high output can also be of benefit if you live in an area with high radio frequency interference. The low output version scores where a system is set up with a good quality MC amp input.

The 20X also features two unique Dynavector benefits; 'flux damping' and 'softened magnetism'. These two features combine to eliminate the distortions caused by excess magnetic flux produced by the high energy magnets used in modern moving coils.

A compliance of 12 cu means the 20's will suit a wide variety of popular arms such as : Linn, Naim, SME, Well Tempered etc. Standard counterweights should be fine but a few manufacturers offer options.

■ Stylus Replacement and Warranty

In the case of the worn stylus, your cartridge is replaced to the new cartridge with special rate change of the retail-price. When the cantilever is broken by any reason, your cartridge is also replaced to the new one with same price from above special rate.

The cartridge is guaranteed for a period of one year from date of purchase against electrical and mechanical defects provided the instructions have been adhered to and the form overleaf has been completed.

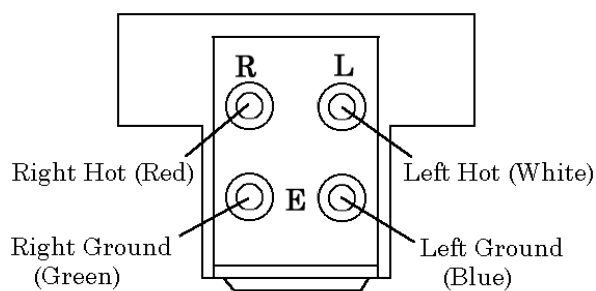
The guarantee does not cover stylus wear nor cover damage to the stylus assembly arising from mishandling or abuse. Should a defect occur the cartridge and its casing together with the guarantee card should be carefully packed and returned to the retailer.

■ Stylus Cleaning

Maintain your records under clean condition. Dusts begin to cause record wear and sonic distortion. When you clean the stylus, use the soft brush we supplied. Brush only from back to front in order to avoid the damage. If a dark deposit like tan should appear on the stylus tip, use a cotton bud with small quantity of dehydrated ethanol (alcohol). Commercial cleaning solutions or vibrators may cause stylus damage.

■ Connection

Connect the lead wires from the headshell to each pin shown below.



■ Specifications

Type :	High/Low output moving coil cartridge with Flux damper and Softened magnetism
Output voltage :	2.5mV/0.25mV (at 1KHz, 5cm/sec.)
Frequency response :	20 - 20,000Hz (± 2dB)
Channel Separation :	25 dB (at 1KHz)
Channel balance :	1.0 dB (at 1KHz)
Compliance :	12 x 10 ⁻⁶ cm/dyne
Impedance :	R= 270ohms / 5ohms, L= 700 micro H / 16 micro H
Stylus :	Nude diamond, Perfect elliptical
Cantilever :	6mm length hard aluminium pipe
Tracking force :	1.8 - 2.2 grams
Recommended load :	47Kohms / 30ohms impedance
Weight :	8.6grams

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