

# Dynavector MC Cartridge DV 20X2A-H/L

Thank you for purchasing the Dynavector MC Cartridge DV 20X2A. Before use, please read this manual to enjoy our cartridge to its maximum potential.

## ■ Features

The 20X-2A has a solid aluminium alloy body, hard aluminium cantilever and a microridge stylus tip. The magnetic circuit's base structure uses the same as our higher-end models, XX-2MkII and Te Kaitora Rua.

The magnetic circuit uses Dynavector's newly developed special annealing process which achieves lower distortions in sound quality giving a more expansive sound for you to enjoy.

There are 2 model types for you to choose from, high output type 20X2A-H and low output type 20X2A-L. Please choose one according to your system.

## ■ Output Voltage

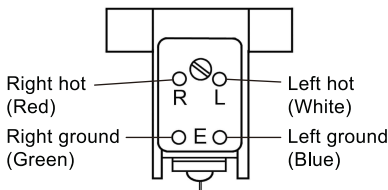
The high output model 20X2A-H has a 2.8mV output therefore connecting it to the MM PHONO input will be sufficient (An MC step-up transformer or a head amplifier is not required). Recommended resistance is 1,000Ω or more. It can be used with 47kΩ for MM.

The low output model 20X2A-L will require an MC step-up transformer or a head amplifier or it can be connected to an MC input. Recommended resistance is 30Ω or more.

## ■ Connection

Connect the lead wires from the headshell to each pin as shown below. The terminal pin diameter is 1.2mm. Please note that 1.0mm connectors will not fit.

Forcefully inserted connectors with the wrong diameter may damage the terminal pin or the lead wire. Please also avoid soldering when wiring. This may cause internal wire damage.



## ■ Mounting to the Headshell

Mount the cartridge by using the included M2.5 screws. Please ensure the mounting is secure and not loose. If loose, this may cause playback disruption and may damage the cartridge or record.

Mounting position should be aligned according to the tonearm overhang. For details, please refer to the tonearm's manual.

## ■ Tracking Force

The appropriate tracking force range is 1.8g - 2.2g in a room temperature of 20°C. If the room temperature is high, a slightly lighter tracking force is recommended. If the room temperature is low, a slightly heavier tracking force is recommended.

## ■ Stylus Cleaning

Please keep your records clean. Dust can cause record wear and sonic distortion. We strongly advise that you maintain and handle the stylus with caution as it is one of the most delicate parts of the cartridge that can affect its performance. Frequently clean the stylus with the brush supplied. Brush only from back to front of the stylus to avoid any damage to the stylus assembly.

We recommend the use of a good quality commercial stylus cleaner. Strong alcohol and chemical fluids are not recommended for use with Dynavector cartridges. Make sure that the stylus is completely dry before use.

**Important:** Always use cleaning liquids sparingly, taking particular care that the liquid does not contact any other part of the cartridge other than the stylus tip. Take extra caution not to get the fluid on the damper rubber. The rubber may deteriorate and affect the cartridge's performance.

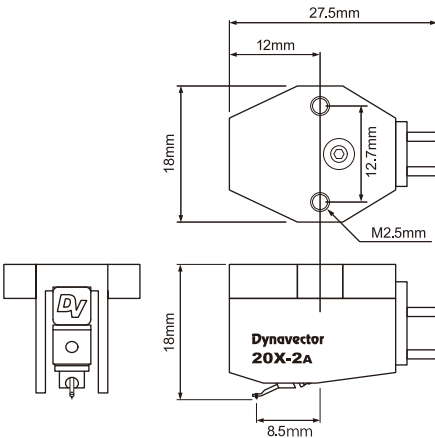
## ■ Stylus Replacement and Warranty

In the case of a worn stylus Dynavector undertake to provide a replacement at a special discount rate. This same special discount applies to all non-warranty claims, please consult your retailer for details. The cartridge is warranted 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 warranty 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 warranty card should be carefully packed along with your receipt and returned to the retailer.

## ■ Specifications

Type	: High/Low output MC cartridge with Flux damper and Softened magnetism
Output voltage	: 2.8 mV / 0.3mV (at 1KHz, 5cm/sec.)
Frequency response	: 20 - 20,000Hz ( $\pm 2$ dB)
Channel separation	: 25 dB (at 1KHz)
Channel balance	: 1.0 dB (at 1KHz)
Compliance	: 12 mm/N
Impedance	: R = 150 ohms / 5 ohms
Stylus	: Micro Ridge Nude Diamond
Cantilever	: 6mm length hard aluminium pipe
Tracking force	: 1.8 - 2.2 g
Recommended load impedance	: >1000 ohms / 30 ohms
Weight	: 9.2g



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This product can be recycled. Products bearing this symbol must NOT be thrown away with normal household waste. At the end of the product's life, take it to a collection point designated for recycling of electrical and electronic devices. Find out more about return and collection points through your local authority.

The European Waste Electrical and Electronic Equipment (WEEE) Directive was implemented to dramatically reduce the amount of waste going to landfills, thereby reducing the environmental impact on the planet and on human health. Please act responsibly by recycling used products. If this product is still useable, consider giving it away or selling it.