

# User Manual



## Introduction

Vertere XtraX High Resolution Moving Coil Phono Cartridge is a state-of-the-art design and is manufactured in the UK to exacting standards to provide you for many years of musical enjoyment at the highest performance level.

## Installation

It is important to handle the cartridge with care and to have it correctly installed and realise its true performance.

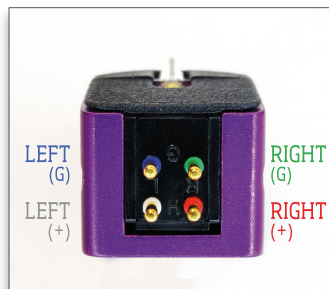
Extreme care must be taken when fitting the tonearm cartridge tags to the XtraX output pins. Please observe polarity and colour indication - see picture.

Mount the cartridge to the tonearm headshell using the Vertere thumb screws and washers provided. \*\*\*

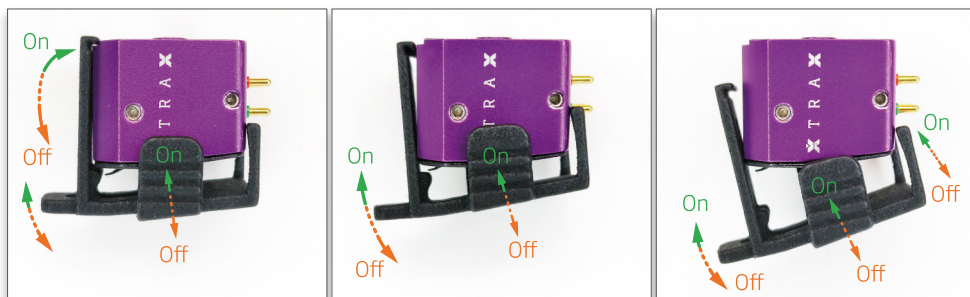
Please ensure that the **stylus guard is fitted** at all times while handling or fitting the cartridge - this helps protect the stylus and the cantilever.

**Hold the cartridge body and not the guard** when handling the cartridge and while fitting the screws in place - take care not to drop the cartridge accidentally.

Do not fully tighten these screws yet to assist easy final alignment.



## Stylus Guard



Remove and fit the stylus guard as shown. Using the front hook and the front tab, carefully disengage the top front hook and gently and safely pull the guard to remove it.

To refit, reverse the procedure by positioning the back prongs and gently bring up the front to locate the front hook onto the cartridge body.

Always follow the tonearm manufacturer's instructions and use their supplied alignment protractor.

Set the tracking weight initially to approximately 1.9/2.0g and adjust the VTA so that the headshell/cartridge are parallel to the surface of the record.

Using the tonearm alignment protractor, check the cartridge alignment and adjust as required and finally tighten the thumb screws.

Recheck and reset the tracking weight to 2.00g - **2.05g** and apply anti-skate force as required.

\*\*\* Two special lighter Aluminium Thumb Screws are provided with your XtraX for use with heavy effective mass tonearms such as heavy 12" versions

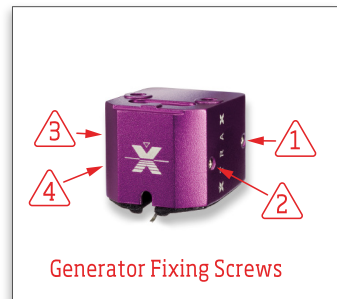
## NOTE

VTA, tracking weight and anti-skate force settings can be finely tuned using a suitable Test Record and listening. However, final settings should not fall outside of Vertere's recommended ranges - If in doubt, consult your authorised Vertere distributor, retailer or Vertere.

## IMPORTANT

XtraX's generator fixing screws shown in the picture are factory fitted and critically adjusted.

**DO NOT** touch or attempt to adjust these four screws. Tampering with these screws will void the warranty.



**5**  
YEAR  
WARRANTY



## Warranty

Your XtraX Cartridge is guaranteed against any defect in materials and workmanship for a period of **two** years from the date of purchase. You can extend this period to **Five** years by registering your warranty on the Vertere website - [vertereacoustics.com](https://www.vertereacoustics.com)

# Specifications



Generator Type	__ Moving Coil
Output	__ 0.45mV (@ 5cm/sec.)
Recommended Input Load	__ 850Ω - 1k5Ω 0pF - Max. 470pF
Recommended Tracking Weight	__ 2.05g (1.90g - 2.10g)
Frequency Response	__ 10Hz - 45kHz
Channel Separation	__ >28dB
Coil Resistance	__ 40Ω
Dynamic Compliance	__ 12 x 10 <sup>-6</sup> cm/dyne (@ 100Hz)
Magnet Type	__ Samarium-Cobalt
Mounting To Stylus	__ ≈ 7.8mm
Head-shell To Stylus	__ ≈ 18.5mm
Stylus	__ Nude   Micro Elliptical Diamond (7.5 x 15.5 μm)
Cantilever	__ Aluminium - Telescopic
Headshell Mounting	__ Special Vertere Tri-point M2.5 Threaded Fixing Holes
Generator Fixing	__ Special Quad-Point Contact Four Stainless 'Spike' Screws
Weight	__ 11.2g



## Disposal of Old Electrical & Electronic Equipment

Applicable in European countries with separate collection systems

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.

For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



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All specifications are liable to change without prior notice. E & OE