

# User Manual



## Introduction

Vertere DARK Sabre High Resolution Moving Magnet Phono Cartridge is designed & manufactured in the UK to exacting standards to provide you with many years of musical enjoyment.

## Installation

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

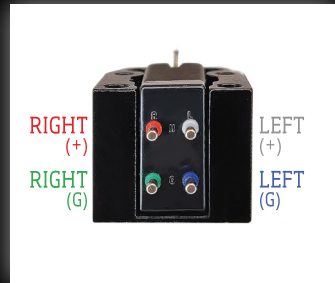
Extreme care must be taken when fitting the tonearm cartridge tags to the Dark Sabre output pins. Please observe polarity and colour indication - see picture.

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

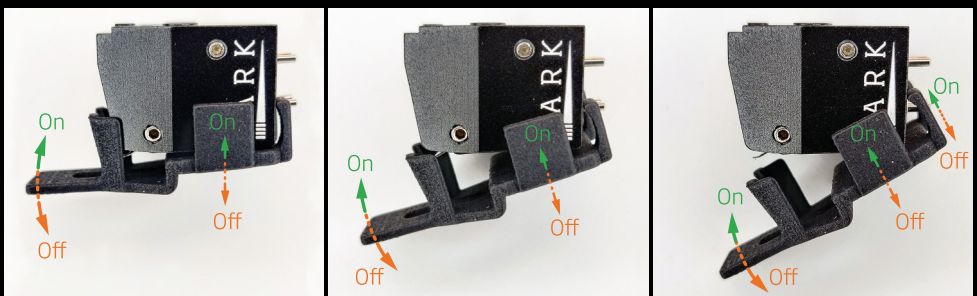
Please ensure that the **stylus guard is fitted** at all times while handling or fitting the cartridge - this helps protect the stylus and the cantilever.

**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 tab and/or the sides. Gently pull off the guard and safely remove it.

To refit, reverse the procedure by positioning the back prongs and gently bring up the front to locate 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 head-shell/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.

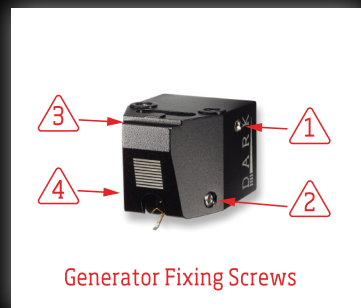
## NOTE

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

Dark'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 Dark Sabre 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](http://vertereacoustics.com)

# Specifications

Generator Type \_ Moving Magnet

Output \_ 4.3mV (@ 1kHz, 5cm/sec.)

Recommended Input Load \_ 47kΩ  
Max. 470pF

Recommended Tracking Weight \_ 2.0g (1.9g - 2.1g)

Frequency Response \_ 14Hz - 28kHz

Channel Separation \_ >25dB

Coil Resistance \_ 1 kΩ, @ 1kHz

Dynamic Compliance \_ 10 x 10<sup>-6</sup> cm/dyne  
(@ 100Hz)

Magnet Type \_ Alnico

Mounting To Stylus \_ ≈ 9.0mm

Head-shell To Stylus \_ ≈ 18.5mm

Stylus \_ Nude | Micro Elliptical  
(7.5 x 15.5 μm)

Cantilever \_ Aluminium - Telescopic

Headshell Mounting \_ Special Tri-Point Contact  
M2.5 Threaded Fixing Holes

Generator Fixing \_ Special Quad-Point Contact  
Four Stainless 'Spike' Screws

Net Weight \_ 11.5g

## D A R K

high resolution phono cartridge

### 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.



Made in England

[vertereacoustics.com](http://vertereacoustics.com)

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