



PHONO-1 MC | MM Preamplifier MkII



At the heart of your Music







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Design Philosophy

A wisely chosen record player, should make you want to put on an LP, sit back and enjoy the record in its entirety - Unless, of course, it is being let down by the phono stage.

Starting, at best, with only a few millivolts of cartridge output and steep RIAA equalisation are challenging ingredients to make a well-designed phono stage. In order to represent faithfully the original recording, the phono stage has to amplify a tiny signal a thousand-fold and equalise it back to the exact reverse of the RIAA curve!

The award winning PHONO-1 MC | MM preamplifier is designed to achieve just that. PHONO-1 provides the full enjoyment that is so often missing from many high-quality vinyl playback systems. Life like dynamic range, supreme resolution, accuracy of RIAA equalisation, impeccable timing and musicality make PHONO-1 the perfect partner to your record player.

Three banks of setup switches, easily accessible from the underside of the PHONO-1, provide the ideal matching to almost any cartridge. There are more than 10 gain settings to suit the output level of your cartridge.

An extensive range of 15 resistance plus 9 capacitance choices is provided to optimise the input impedance fully and achieve the best performance from your cartridge.

Indeed, 7 of these capacitance settings are especially for Moving Coils where many exhibit a rising frequency response above 10kHz.

The best components on high quality gold plated PCBs ensure maximum performance from the PHONO-1 circuit. The internal amplification circuit is also double shielded with a 3-way phono PCB Ground Management switch to provide minimal 'earth hum' in virtually any installation.

**PHONO-1 leaves nothing to chance.
It brings the full musical experience every time.**



VERTERE™

Realise the Potential

Today, more and more people listen to their music on vinyl.

Your vinyl collection deserves the best record player you can afford. Vinyl still remains the best and most desirable music playback medium in our homes.

Once the record player has been sorted out, the next important component to choose is the phono preamplifier - or, as it's more commonly known, the phono stage.

Vertere's Phono-1 was designed with one main focus - Continuous enjoyment of playing any record without exception.

Lose Yourself in Music



Specifications

Type	MC/MM Preamplifier Main Phono Circuit on Separate Gold Plated PCB
Power Supply	Linear, Int. Switchable Transformer on Separate Gold Plated PCB
Gain Settings	40.2dB to 62.8dB In 12 Steps - See Manual (46.2dB to 68.8dB) Hi Gain Version - See Manual
Input Impedance Settings;	
Resistance	47k for MM 78R to 1.45K for MC - In 14 Steps - See Manual
Capacitance	100pF & 470pF for MM 100pF to 1.02uF for MC - In 9 Steps - See Manual
Frequency Response	20Hz - 20kHz +/- 0.2dB
Noise	< -78dB - AWD
THD+N	0.03%
Front Panel	Vertere Orange or Silver
Dimensions	210 x 235 x 55 W x D x H (Incl. Switches & Feet)
Weight	1.23 Kg







VERTERE™

RECORD PLAYING SYSTEMS

RG-1 Reference Groove Record Player
SG-1 Super Groove Record Player
MG-1 Magic Groove Record Player
DG-1 Dynamic Groove Record Player

MOTOR DRIVES

RG-1 Reference Motor Drive
SG-1 MkIII Super Groove Motor Drive

TONEARMS

Vertere Reference Tonearm New Gen.
SG-1 MkII Tonearm PULSE-HB Internal Wiring
SG-1 MkII Tonearm Standard PULSE Internal Wiring

PHONO CARTRIDGES

Mystic Moving Coil Cartridge
Magneto Moving Magnet Cartridge

PHONO PREAMPLIFIER

PHONO-1 MkII

ANALOGUE INTERCONNECT CABLES

PULSE-HB
PULSE-R
PULSE-Redline
D-Fi
RCA, XLR Balanced, DIN & 5-Pin Tonearm

SPEAKER CABLES

PULSE-HB
PULSE-XS Reference
PULSE-XS
PULSE-Redline
7mm, 4mm Banana & Spade - Single Ended Or Bridged Balanced

DIGITAL INTERCONNECT CABLES

PULSE-HB
PULSE-R
D-Fi
USB TypeA, TypeB, Mini, Micro, Ethernet RJ45
COAX-75 Ohm RCA & BNC, AES/EBU Balanced XLR

MAINS POWER CABLES & DISTRIBUTION

PULSE-HB & HB MAINS DISTRIBUTION BLOCK
PULSE-Redline
UK, EU, US: IEC & IEC 20A

RECORD PLAYER SUPPORT

STAGE-1 REFERENCE ISOLATION PLATFORM

EQUIPMENT SUPPORT

STAND-1 REFERENCE EQUIPMENT SUPPORT

