

GOLDRING



EST. 1906

***Goldring 2400 Cartridge***



All Goldring 2000 series cartridges feature Moving Iron technology. This lends them the high levels of detail associated with more expensive moving coil designs whilst retaining the convenience of a replaceable stylus and high output associated with moving magnet types. The cartridge employs a fixed samarium cobalt magnet and high output coil combination so that a very light iron/nickel cantilever end-piece can be used instead of the much heavier permanent magnet used in conventional designs. This reduces the moving mass allowing the stylus to trace the record groove more faithfully. Because of their high output, Goldring 2000 series cartridges should be used with the standard moving magnet phono input of an integrated amplifier.

Increased resolution is gained for this cartridge by the use of a low-mass, "Vital" shank, nude diamond stylus and tapered aluminum cantilever. This polyhedral, line-contact profile was chosen because it has a very low tip-mass

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and a large contact area whilst being very narrow from front to back, enabling the accurate retrieval of even the highest frequencies in the recording. The stiff aluminium cantilever resists the establishment of unwanted resonances which are unable to propagate towards the generator due to its tapered shape. The 2400 has a low-resonance aluminium body providing a rigid connection to the tonearm, which improves bass power and clarity .

### **Features**

Frequency Response: 20 Hz - 20 kHz +/- 3 dB

Channel Balance: 2 dB @ 1 kHz

Channel Separation: >20 dB @ 1 kHz

Sensitivity: 6.5 mV +/- 1.5 dB, 1 kHz @ 5 cm/sec

Static Compliance: 20 mm/N

Vertical Tracking Angle: 24°

Stylus Radius: Vital

Stylus Type: Replaceable

Cantilever: Tapered Aluminium

Load Resistance: 47 k $\Omega$

Load Capacitance: 100 - 200 pF

Internal Inductance: 720 mH

Internal Resistance: 550  $\Omega$

Cartridge Mass: 7.4 g

Cartridge Mass (inc. fixing screws): 8.6 g

Fixing Centre: 0.5" (12.7 mm)

Playing Weight: 1.5 - 2.0 g (1.7 g nom.)

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***Goldring 2400 Stylus***

A "Vital" shank, nude diamond stylus.

**Features**

Stylus Radius: Vital

Stylus Type: Replaceable