

Goldring G1042 Cartridge (MM) Gramofonska Glava

Šifra: 14478
Kategorija proizvoda: Igle i Glave
Proizvođač: Goldring

Cena: 47.880,00 rsd



Goldring 1042

This is a cartridge for the audiophile who demands the ultimate sonic performance from their system, together with the convenience of a user replaceable stylus. The 1042 uses a nude, natural-diamond stylus with a Gyger S profile. This is a revolutionary line-contact type which is shaped to more closely resemble the record cutting head than any previous design. The stylus profile is the main factor governing overall sound quality in a cartridge and the shape of the Gyger S with its 6 μm radius allows it to trace the smallest groove detail with complete fidelity. Mid-range tonality is incredibly accurate and precise with high frequency sibilance banished. The extended side wall contact of the Gyger-S diamond also gives the 1042 unsurpassed resolution of the fine groove modulations, producing an exceptionally detailed, smooth and musical sound.

Low Mass Pocan® Body

The 1000 series uses a strong one piece body which holds the fixed parts securely in place. Made from a special type of ultra-rigid, glass reinforced polyester called Pocan, the body can be tightly bolted to the head shell for maximum efficiency and optimum sound quality. The user replaceable stylus carrier slots tightly into the body with a locating pin preventing unwanted vibrations which would otherwise colour the sound. An integral mu-metal can keeps the generator parts shielded from hum-inducing stray magnetic fields. Because Pocan has a high strength-to-mass ratio, the overall mass of the G1000 series cartridges is kept below 6.5 g. Low mass and moderate compliance keep the natural arm/cartridge resonance within safe limits for easy matching to a wide range of tonearms.

High Efficiency Magnetic Circuit

Finely etched mu-metal is laminated to form the pole pieces around which are fitted two formerless coils of four thousand turns each. This unique design reduces mass and also makes for a very efficient magnetic circuit producing a higher than average output. This construction also reduces the loss at high frequencies inherent in conventional designs, making for a smooth and extended frequency response.

Reduced Moving Mass

The 1000 series uses a unique ultra-low-mass, micro-miniature Alnico V magnet made to a tolerance that can be achieved by no other manufacturer worldwide. Welded to the magnet is a gold plated nickel tie-bar which provides an earth path for vinyl static charge build up and stabilises the cantilever in unwanted vibrational modes. The whole ultra-low-mass assembly is then mounted in a special butyl rubber polymer with optimised damping characteristics.

Expert Adjustment

The correct setting of stylus azimuth (or horizontal tracking angle) is essential for the maintenance of a proper stereo sound stage. Azimuth is the term used to describe the angle that the vertical centre-line of the stylus makes with the record surface and this must be exactly perpendicular to the record groove. This is not usually a user adjustable parameter on most budget decks and so it is vital that the cartridge leaves the factory with the azimuth precisely set. Badly adjusted azimuth can cause uneven channel balance and increased crosstalk between channels which would severely degrade the stereo image.

Frequency Response	20 Hz-20 kHz +/- 3 dB
Channel Balance	within 2 dB @ 1 kHz
Channel Separation	better than 25 dB @ 1 kHz
Sensitivity	6.5 mV +/-1.5 dB, 1 kHz @ 5 cm/sec
Static Compliance	20 mm/N
Dynamic Compliance @ 10 Hz	10 mm/N
Equivalent tip mass	0.45 mg
Vertical Tracking Angle	24 °
Stylus Profile	Gyger S
Stylus Type	Replaceable
Load Resistance	47 kΩ

Load Capacitance	150-200 pF
Internal Inductance	570 mH
Internal Resistance	660 Ω
Cartridge Mass	6.3 g
Cartridge Mass (inc. fixings)	7.6 g
Fixing Centre	0.5" (12.7 mm)
Playing Weight	1.5 - 2.0 g (1.7 g nom.)
Replacement stylus	1042 - D42