

Benz Micro Gold MC Cartridge

Product Info



The Benz Micro Gold Moving Coil phono cartridge is a real smooth performer, delivering much of the natural tonal balance and high accuracy of its more expensive brethren. The entry models to the Benz line provide the musicality we are famous for combined with affordability and a wide range of turntable/toner compatibility. It offers a friendly 0.4mV output and performs with excellence when used with MC capable phono pre amps. Near musical nirvana comes built into the Benz Micro Gold MC cartridge. Like a number of its brethren, the Benz Micro Gold MC cartridge is a Stereophile Recommended Component.

This budget performer retains more than a little of the famous Benz musicality and accuracy. The MC Gold is a 0.4mV low-output moving coil cartridge. "A real smoothy" - Michael Fremer - Stereophile. All the Series 2 advancements create a synergy exceeding the sum of the parts. Benz' improved production techniques provide great performance and reliability backed by a 2 year warranty against manufacturing defects. Many Series 2 models enjoy a reduction 1/3 or 1/2 the mass of their Swiss hand wound coil. This allows faster response time and even better tracking. Less wire on the coil also provides more accurate high frequency phase response and lower internal impedance for lower phono stage input impedances and the use of step-up transformers. Featured on ALL Series 2 models, a new rear pole piece increases generator efficiency up to 20% for better musical drive. This new rear pole piece incorporates the locking azimuth/suspension mechanism, allowing the Swiss production staff more fine control in perfectly tensioning the critical suspension adjustment. Higher output level is achieved with increased magnet strength & size: All Series 2 models featuring a cross-coil armature have stronger Hybrid magnets consisting of neodymium, boron and iron. Enhanced tracking using aerospace suspension technology: ALL Series 2 models utilize a soft butyl rubber O-ring damper, custom made in the U.S. for Benz by a high tech company that supplies gaskets and O-rings to the aerospace industry. The O-ring's rounded profile, strength, and resistance to temperature fluctuation provide better consistency and longer life to the cartridge with less wear. Improved imaging from new azimuth/suspension mechanism: Part of the new rear pole piece assembly, this locking mechanism replaces the older bonded system. Critical suspension and azimuth adjustments are easily facilitated during production resulting in channel separation exceeding 35dB, producing a wider and deeper sound stage with greater focus. Easier and more precise VTA adjustments: ALL Series 2 models feature a reduction of vertical tracking angle from 22 to 20 degrees, allowing a more parallel orientation for proper VTA settings. With less "negative" VTA or lowering the back-end of the cartridge, easier VTA settings can be accomplished on a wider variety of tonearms.

Benz Micro Gold MC Phono Cartridge Specifications

- Type: Moving coil stereo cartridge
- Cantilever: Aluminum alloy tube
- Stylus type: Elliptical diamond
- Stylus tip radius: 0.3 x 0.7 mil
- Vertical tracking angle: 23°
- Output voltage @ 3.54cm/sec: 0.4mV
- Internal impedance: 120 ohms
- Frequency response: 20Hz-25kHz
- Channel balance @ 1kHz: >1.2 dB
- Channel separation @ 1kHz: >30 dB
- Dynamic compliance: 15 µm/mN
- Recommended loading: >200 - 47k ohms
- Tracking force range: 1.8-2.2 g
- Tracking force recommended: 2 g (20 mN)
- Recommended tonearm mass: Medium to high
- Optimum working temperature: 23° C
- Break-in period: 30 hours
- Warranty: 2 years manufacturing defect