

The new clearaudio Moving Coil Generation -> with up to 100dB dynamic range

Clearaudio improved significantly the fully symmetricall MC-principle, patentet by clearaudio in 1980.

We considered to redesign the Generator in a revolutionary way of positioning never done before. The indispensable result of this positioning and new feature is doubling the magnets up to 8 pcs.

So the coils are operating in a much stronger and homogene magnetic field.

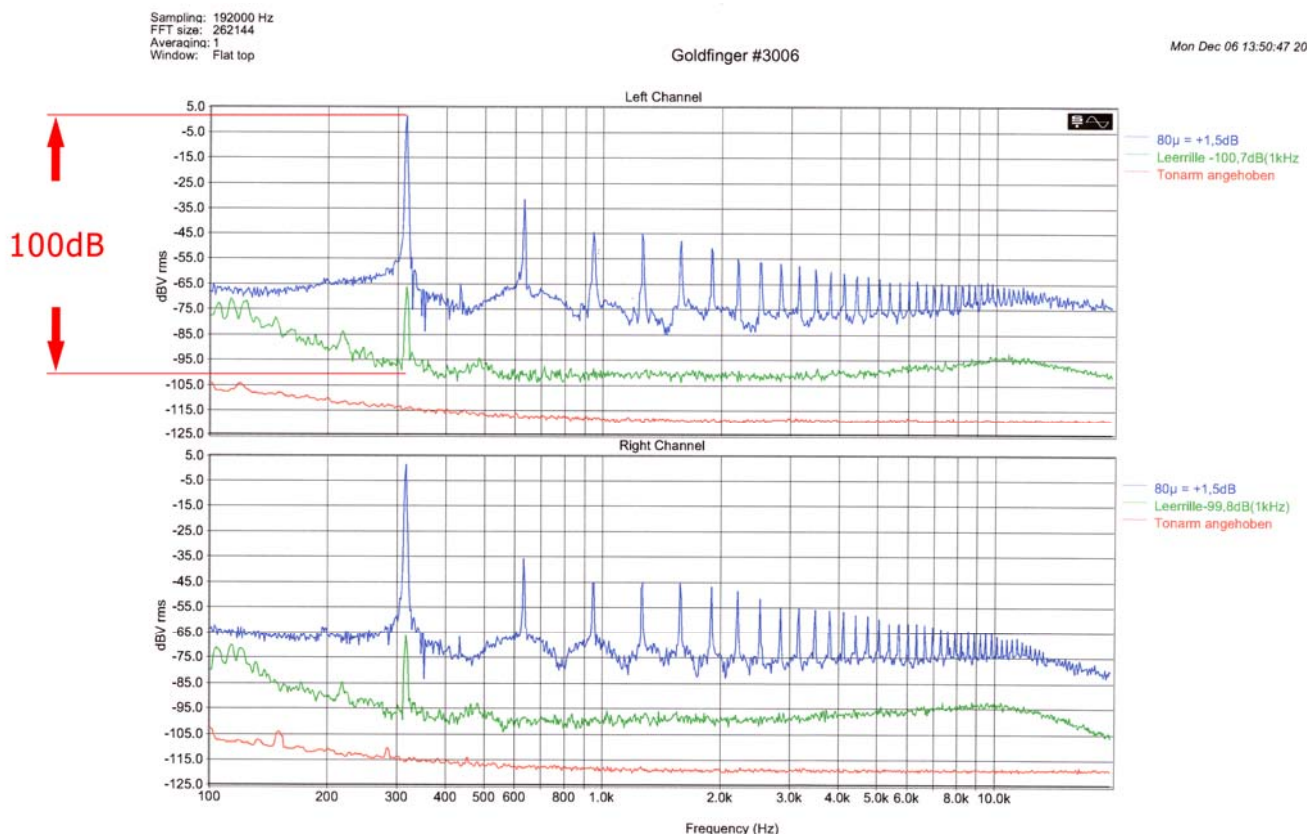
Furthermore we have chosen the strongest magnetic material available at this moment -> Super Neodym.

Through this achievments, the efficiency has been raised up to 30 %, which results in an output of up to 0,9 mV at 5cm/sec.

In addition, a new Micro-HD-Diamond tip, providing a hybrid parabolic geometry with the following stylus radii (0,008mm x 0,040mm) is now used. The total mass (0,00016g) is only a fifth of the previous used diamond.

Disturbing resonances, while tracking in the groove, are minimised through a twelve finger design of the mounting plate, with different radii on the cartridge body, which is a result of our constant research and sophisticated development.

The cartridge bodies of our 4 new models: Goldfinger, Titanium, Stradivari and Concerto are made out of the following astonishing materials: Gold, Titanium, Ebony and Satinee-Wood. Respectively to be the right choice as cartridge body, these materials are expected to achieve the highest musical results. The generator construction of the new Moving Coil Cartridge generation, is mechanically, magnetically and electrically absolutely symmetrical unique designed, like no other. All clearaudio moving coils are



using the successful 24 ct. pure gold coils. For the first time since 50 years you will see 100dB dynamic range reproduced from the vinyl record in the following graph: A clear breakthrough in analog music reproduction, with this new MC-Cartridge generation, has been achieved. The new generation is able to read a dynamic range of 100 dB with a frequency response of 10 Hz up to 100KHz. The following measurement, a trackability test at 80 microns, proves the 100dB dynamic range. The peak Level (blue Graph) in relation to the record noise (green graph) shows definitely a 100dB dynamic range.

As well we have proven in our laboratories that modern vinyl records (produced approx from 1990) are definitive able to achieve a dynamic level and reproduction of 80 dB. You will imagine the enormous headroom without distortions anyway, now we are surpassing the digital sources.

Cartridges of the new generation.



Concerto
empf. VK: € 1775,-



Stradivari
empf. VK: € 2505,-



Titanium
empf. VK: € 5895,-



Goldfinger
empf. VK: € 8245,-