



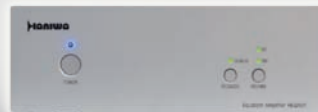
World First Super Low Impedance Cartridge Internal Impedance 0.8Ω / Output 0.35mV

Picks up the music signal in the groove with smallest phase shift.

Phase Variance less than ±1°

The conventional phono equalizer is designed to flatten the gain curve, and not necessarily to accurately reproduce the original wave form. The RIAA curve defines the equalization characteristics for the recorded analog signals, but it defines only the gain characteristics. For accurate reproduction of wave form, the filter to flatten the phase curve, as well as to keep the RIAA gain curve, is necessary.

Phase Controlled Phono Equalizer Amp
HEQA01



Super Low Impedance MC Cartridge

This Cartridge has amazing resolution, realized by the unprecedented low input impedance of less than 1Ω and the output of higher than 0.3mV. Its coil turn is decreased to the limit in order to reduce its inductance, and eventually to minimize the phase shift.

● Super Low Impedance MC Cartridge

With MC Cartridge, if the coil turn is made less to reduce its impedance, the output voltage also becomes lower. We have overcome this problem by adopting the special high-μ material SH-μX for its core, the thick oxygen-less copper of 55μm for its coil, and the powerful Neodymium magnet for its magnetic circuit. The result is the unprecedented super low impedance of 0.8 Ω with the high output of 0.35mV. With its pure Boron cantilever, the highest tracking fidelity is obtained to pick up whole of the music signals cut into the record groove.

The inductance of cartridge is as important as its impedance. The lower inductance, realized by reducing the coil turns, improves the phase characteristics of cartridge. By this, the peak of pulse response gets higher, and the transient response sharper. This sharpness of sound creates the natural presence of music, as if players are performing just in front of you.

It is finished with the dignity to match its high performances, having aluminum alloy body with japan-like surface.

NOTE :

It is recommended to reduce the wiring impedance inside the player system, so that you can enjoy the best of HCTR01.

Type	Moving Coil
Input Impedance	0.8Ω (1kHz)
Inductance	1.3μH(1kHz)
Output Voltage	0.35mV
Cantilever	Boron
Suggested Needle Pressure	1.0g - 1.5g [with HEQA01 : 0.6g - 1.0g]
Weight	10g
	Low Impedance Type



The cartridge and the phono equalizer are inseparable to perform at their best. HEQA01 provides HCTR01 the additional electromagnetic damping, so that the cantilever is controlled its jumpy motion even under the needle pressure of less than 1g. When you use HEQA01 and HCTR01 together, we recommend to set the needle pressure at 0.6 g - 1.0 g. By this set up, you can enjoy the best performance of HCTR01, and the sharpest transient response.

CONTACTS