

HANIWA
Cybernetic Audio System

HCTR01

Super Low Impedance MC Cartridge



World First Super Low Impedance Cartridge

KUBOTEK

Ultra Low Inductance MC Cartridge

HCTR01 mkII

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- μ X for its core, the thick oxygen-less copper of 60 μ m for its coil, and the powerful Neodymium magnet for its magnetic circuit. The result is the unprecedented super low impedance of 0.4 Ω and ultra low inductance of 0.3 μ H. 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 more important than 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 tangent response sharper. This sharpness of sound creates the natural presence of music, as if players are performing just in front of you.

Type	Moving Coil
Input Impedance	0.4 Ω (AC 1kHz)
Inductance	0.3 μ H (AC 1kHz)
Outlet Voltage	0.35mV
Cantilever	Boron
Suggested Needle Pressure	0.8g - 1.2g
Weight	10g



Super Low Inductance MC Cartridge

HCTR01 mkI

Type	Moving Coil
Input Impedance	0.8 Ω (1kHz)
Inductance	1.3 μ H (1kHz)
Output Voltage	0.35mV
Cantilever	Boron
Suggested Needle Pressure	1.0g - 1.5g
Weight	10g



Canada Distributor



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