

Charisma Audio MC-1α: Instruction Manual

Thank you for your purchase of the Charisma Audio MC-1α stereo moving coil cartridge.

Cantilever and stylus of the MC-1α are extremely fragile, please handle with utmost care.

Mounting to the headshell:

Use the supplied M2.5 screws to mount the cartridge to the headshell. Please do not over tighten the screws. Overhang should be aligned according to the instruction manual of the tonearm.

Connection:

Connect the lead wires from the headshell to the color coded pins of the cartridge.

Red - right channel hot

White – left channel hot

Green - right channel ground

Blue – left channel ground

Maintenance:

The cartridge needs no maintenance except for occasional cleaning of the stylus tip. Use a soft stylus brush to brush only from back to front in order to avoid damage. If a deposit appears on the stylus tip, use a small quantity of alcohol and distilled water mixed half and half.

Limited warranty:

Charisma Audio offers a limited one year warranty against electrical and mechanical defects. The warranty does not include worn and damaged stylus or damaged cantilever and is invalidated if the instructions are not complied with and if any unauthorized modification or alteration has been attempted.

Specifications:

Cartridge Weight: 11 g

Cartridge body: aluminium

Cantilever: titanium alloy

Stylus: super fine line contact nude diamond

Vertical Tracking Angle: 20 degrees

Coil: pure iron crossed-coil with single crystal high purity copper

Output Voltage: 0.35 mV at 3.54 cm/sec.

Internal Impedance: 12 ohms

Frequency Response: 20 – 20,000 Hz ± 1 dB

Channel Balance: better than 1 dB

Channel Separation: better than 30 dB

Dynamic Compliance: 7 $\mu\text{m}/\text{mN}$

Recommended Loading: 100 – 1,000 ohms

Recommended Tracking Force: 2.1 g ± 0.1 g

Tracking Ability at 315 Hz / 2 g: 60 μM

Recommended Tonearm Mass: medium

Break-in Period: 50 hours

* Information and specifications described in this manual are subject to change without notice.