



ART9XI

Dual Moving Coil Stereo Cartridge

Overview:

Featuring a special line contact stylus on a boron cantilever, the AT-ART9XI replaces the AT-ART9 as Audio-Technica's flagship magnetic core MC cartridge. The "ART" in the model number stands for Audio-Technica Reference Transducer, a component used only in our premium cartridges. The specially designed magnetic circuit boasts an output voltage of 0.5 mV (1 kHz, 5 cm/sec), making the cartridge easy to use and capable of reproducing even the most delicate expressions while also ensuring dynamic playback. Threaded cartridge mounting holes make installation to a headshell or integrated tonearm incredibly easy.

Features:

- **High-separation, wide-response dual moving coil**
The dual moving coils of the system are aligned in an inverted V shape, which provides high separation and wide response for clear sound localization and minimal distortion.
- **Special line contact stylus and 0.28 mm diameter solid boron cantilever**
The SLC stylus ensures faithful reading of the music signal, while the boron cantilever offers excellent response characteristics.
- **Neodymium magnet and permendur yoke for significantly increased magnetic energy**
The specially designed magnetic circuit optimizes energy in the magnetic gap where the generator coils are located. Enjoy dynamic playback with an output voltage of just 0.5 mV.
- **PCOCC coils for high-fidelity transmission**
Using PCOCC (Pure Copper Ohno Continuous Cast) wire for the coils achieves pure signal transfer.
- **Machined aluminum base for stable playback**
The machined aluminum base supports both the magnetic circuit and the vibration system, ensuring excellent playback stability.
- **Hybrid body reduces undesirable parasitic resonance**
The machined aluminum housing combined with high-rigidity plastic helps reduce undesirable parasitic resonance for improved sound quality.
- **Threaded cartridge mounting holes for easy installation on headshells or integrated tonearms**
The cartridge body includes threaded screw holes that allow installation on headshells or integrated tonearms with only two screws (no nuts necessary).

RRP: £1299.99/1499€ (inc. VAT)



Specifications

Type	MC
Frequency Response	20 to 50,000 Hz
Output Voltage	0.5 mV (1 kHz, 5 cm/sec.)
Channel Separation	30 dB (1 kHz)
Output Balance	0.5 dB (1 kHz)
Tracking Force	1.6 to 2.0 g (1.8 g standard)
Coil Impedance	12 ohms (1 kHz)
DC Resistance	12 ohms
Recommended load impedance	≥ 100 ohms (when head amplifier connected)
Coil Inductance	2.5 μH (1 kHz)
Static Compliance	25 × 10 ⁻⁶ cm/dyne
Dynamic Compliance	15 × 10 ⁻⁶ cm/dyne (100 Hz)
Stylus	Nude Special Line Contact
Stylus Curvature Radius	1.5 × 0.28 mil
Cantilever	0.28 mm diameter solid boron
Vertical Tracking Angle	20°
Dimensions	17.3 mm × 16.8 mm × 25.0 mm (H × W × D)
Threaded Hole	M2.6 × 2
Weight	8.5 g
Accessories	Non-magnetic screwdriver; Brush; Washer × 2; Cartridge installation screws (M2.6) (5.0 mm × 2; 8.0 mm × 2; 10.0 mm × 2; 12.0 mm × 2); Protector

For product improvement, the product is subject to modification without notice.