

## AT-OC9X Series cartridges

made from 32 Years of cumulated experience  
and customer feedback from 12 different models  
all inspired by the acclaimed AT-OC9.



AT-OC9XEB



AT-OC9XEN



AT-OC9XML



AT-OC9XSH



AT-OC9XSL

The 5 new models of the AT-OC9X series all feature PCOCC internal wiring and an aluminium body with integrated M2.6 threaded inserts to enable easier mounting.

AT-OC9XML, AT-OC9XSH, AT-OC9XSL also feature a Permendur Yoke magnetic structure combined with a Boron cantilever.

The next generation of the widely revered AT-OC9 cartridge series has been developed by Audio-Technica, pioneers of cartridge technology.

The new series features an array of stylus options including: Bonded Elliptical, Nude Elliptical, Microlinear, Shibata and Special Line Contact.

- The moving coil structure has a wide frequency response and enables the audio information to be separated into both the left and right channels resulting in an accurately defined stereo image.
- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible.
- Threaded holes in the cartridge body enable the cartridge to be mounted on to the headshell, or integral tonearm, with just two screws M2.6 – no nuts or bolts required.
- Features an aluminium cantilever for AT-OC9XEB and AT-OC9XEN models, and boron cantilever for AT-OC9XML, AT-OC9XSH and AT-OC9XSL.
- A neodymium magnet and pure iron yoke (for AT-OC9XEB and AT-OC9XEN) provides increased magnetic energy.
- The yoke parts of the magnetic structure of the AT-OC9XML, AT-OC9XSH and AT-OC9XSL uses Permendur, a soft magnetic alloy made of Iron and Cobalt.
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction.



**audio-technica**

# AT-OC9X Series / Elliptical models



## AT-OC9XEB

Dual moving coil stereo cartridge with bonded Elliptical stylus

239,00 €  
Including VAT  
EAN 4961310150440



Bonded Round Shank  
Elliptical

**An excellent affordable introduction to the characteristics that is moving coil.**

- Features bonded Elliptical stylus and aluminium cantilever
- A neodymium magnet and pure iron yoke provides increased magnetic energy
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction
- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible

Includes :

- 1 non-magnetic screw driver
- 1 brush
- 2 washers
- 4 pairs of mounting screws (M2.6):  
5mm, 8mm, 10mm, 12mm
- 1 plastic protector.



## AT-OC9XEN

Dual moving coil stereo cartridge with Elliptical nude stylus

339,00 €  
Including VAT  
EAN 4961310150433



Nude Square Shank  
Elliptical

**Featuring a square shank for accurate stylus alignment and nude diamond for increased fine detail retrieval.**

- Features low mass nude elliptical stylus and aluminium cantilever
- A neodymium magnet and pure iron yoke provide increased magnetic energy
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction
- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible

Includes :

- 1 non-magnetic screw driver
- 1 brush
- 2 washers
- 4 pairs of mounting screws (M2.6):  
5mm, 8mm, 10mm, 12mm
- 1 plastic protector.



AT-OC9X Series cartridges feature threaded insert for easy mounting either on integral tonearm or on removable headshells. A special line of removable through hole type headshells have been designed for the new AT-OC9X cartridges (see single page).

# AT-OC9X Series / Line Contact models



## AT-OC9XML

Dual moving coil stereo cartridge with Microlinear stylus

549,00 €  
Including VAT  
EAN 4961310150426



Nude Square Shank  
Microlinear

**Microlinear complex diamond profile enabling higher frequency response, detail like never before experienced and limiting inner groove distortion. Microlinear diamond profile provides low record and stylus wear.**

- Features nude Microlinear stylus and boron cantilever which provides lower distortion and high transient response
- A neodymium magnet and permendur yoke for dramatically increased magnetic energy
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction

- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible

Includes :

- 1 non-magnetic screw driver
- 1 brush
- 2 washers
- 4 pairs of mounting screws (M2.6):  
5mm, 8mm, 10mm, 12mm
- 1 plastic protector.



## AT-OC9XSH

Dual moving coil stereo cartridge with Shibata stylus

649,00 €  
Including VAT  
EAN 4961310150419



Nude Square Shank  
Shibata

**Shibata profile diamond originally design for Quadraphonic replay offers a depth of sound, combined with high frequency response that has to be heard to be believed.**

- Features nude Shibata stylus and boron cantilever with rich low frequency reproduction and high transient response
- A neodymium magnet and permendur yoke provides dramatically increased magnetic energy
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction

- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible

Includes :

- 1 non-magnetic screw driver
- 1 brush
- 2 washers
- 4 pairs of mounting screws (M2.6):  
5mm, 8mm, 10mm, 12mm
- 1 plastic protector.



## AT-OC9XSL

Dual moving coil stereo cartridge with Special Line Contact stylus

749,00 €  
Including VAT  
EAN 4961310150402



Nude Rectangular  
Shank  
Special Line Contact

**Special Line Contact as featured in our flagship ART1000, this diamond profile offers the ultimate in accurate sonic reproduction with a sense of space and realism to all instruments that few other configuration can achieve.**

- Features Nude Special Line Contact stylus and boron cantilever with accurate tracking ability and high transient response
- A neodymium magnet and permendur yoke provides dramatically increased magnetic energy
- Aluminium body minimizes unwanted vibration for reduced resonance and a superior audio reproduction

- Pure Copper by Ohno Continuous Casting process (PCOCC) is used for the coils to achieve the purest signal possible

Includes :

- 1 non-magnetic screw driver
- 1 brush
- 2 washers
- 4 pairs of mounting screws (M2.6):  
5mm, 8mm, 10mm, 12mm
- 1 plastic protector.



# Audiophile OC9X Series moving coil cartridges specifications

Model Number	AT-OC9XEB	AT-OC9XEN	AT-OC9XML	AT-OC9XSH	AT-OC9XSL
					
Type	Dual Moving Coil	Dual Moving Coil	Dual Moving Coil	Dual Moving Coil	Dual Moving Coil
Body Material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Mounting Feature	Threaded inserts	Threaded inserts	Threaded inserts	Threaded inserts	Threaded inserts
Frequency Response	20 to 30,000 Hz	20 to 30,000 Hz	20 to 47,000 Hz	20 to 47,000 Hz	20 to 50,000 Hz
Channel Separation	25 dB (1 kHz)	25 dB (1 kHz)	27 dB (1 kHz)	27 dB (1 kHz)	28 dB (1 kHz)
Output Channel Balance	1.5 dB (1 kHz)	1.5 dB (1 kHz)	1.0 dB (1 kHz)	1.0 dB (1 kHz)	0.5 dB (1 kHz)
Output Voltage	0.32 mV (at 1 kHz, 5 cm/sec)	0.35 mV (at 1 kHz, 5 cm/sec)	0.4 mV (at 1 kHz, 5 cm/sec)	0.4 mV (at 1 kHz, 5 cm/sec)	0.4 mV (at 1 kHz, 5 cm/sec)
Vertical Tracking Angle	20 degrees (see note n°1)	20 degrees (see note n°1)	20 degrees (see note n°1)	20 degrees (see note n°1)	20 degrees (see note n°1)
Vertical Tracking Force Range	1.8 to 2.2 g (standard 2.0 g)	1.8 to 2.2 g (standard 2.0 g)	1.8 to 2.2 g (standard 2.0 g)	1.8 to 2.2 g (standard 2.0 g)	1.8 to 2.2 g (standard 2.0 g)
Stylus Shape	Elliptical Bonded	Elliptical Nude	Microlinear	Shibata	Special Line Contact
Stylus Curvature Radius	0.3 x 0.7 mil	0.3 x 0.7 mil	2.2 x 0.12 mil	2.7 x 0.26 mil	1.5 x 0.28 mil
Stylus Construction	Bonded round shank	Nude square shank	Nude square shank	Nude square shank	Nude rectangular shank
Cantilever	Aluminium pipe	Aluminium pipe	0.28 mm Ø nude boron	0.28 mm Ø nude boron	0.28 mm Ø nude boron
Static Compliance	20 x 10 <sup>-6</sup> cm / dyne	20 x 10 <sup>-6</sup> cm / dyne	20 x 10 <sup>-6</sup> cm / dyne	20 x 10 <sup>-6</sup> cm / dyne	22 x 10 <sup>-6</sup> cm / dyne
Dynamic Compliance	9 x 10 <sup>-6</sup> cm / dyne (100 Hz)	9 x 10 <sup>-6</sup> cm / dyne (100 Hz)	16 x 10 <sup>-6</sup> cm / dyne (100 Hz)	16 x 10 <sup>-6</sup> cm / dyne (100 Hz)	18 x 10 <sup>-6</sup> cm / dyne (100 Hz)
Wire Used for Coil	PCOCC (see note n°3)	PCOCC (see note n°3)	PCOCC (see note n°3)	PCOCC (see note n°3)	PCOCC (see note n°3)
Terminal Pins	Brass	Brass	Brass	Brass	Brass
Recommended Load Impedance	Min 100 Ω (see note n°4)	Min 100 Ω (see note n°4)	Min 100 Ω (see note n°4)	Min 100 Ω (see note n°4)	Min 100 Ω (see note n°4)
Coil Impedance	12 Ω (1 kHz)	12 Ω (1 kHz)	12 Ω (1 kHz)	12 Ω (1 kHz)	12 Ω (1 kHz)
DC Resistance	12 Ω	12 Ω	12 Ω	12 Ω	12 Ω
Coil Inductance	25 μH (1 kHz)	25 μH (1 kHz)	25 μH (1 kHz)	25 μH (1 kHz)	25 μH (1 kHz)
Cartridge Weight	7.6 g	7.6 g	7.6 g	7.6 g	7.6 g
Dimensions	17.3 (H) x 16.8 (W) x 25.7 (L) mm	17.3 (H) x 16.8 (W) x 25.7 (L) mm	17.3 (H) x 16.8 (W) x 25.7 (L) mm	17.3 (H) x 16.8 (W) x 25.7 (L) mm	17.3 (H) x 16.8 (W) x 25.7 (L) mm
Mounting	1/2" centers	1/2" centers	1/2" centers	1/2" centers	1/2" centers
Replacement Stylus	(see note n°2)	(see note n°2)	(see note n°2)	(see note n°2)	(see note n°2)
Accessories Included	1 non-magnetic screw driver; 1 brush; 2 washers; 4 pairs of mounting screws: 5mm, 8mm, 10mm, 12mm; 1 plastic protector	1 non-magnetic screw driver; 1 brush; 2 washers; 4 pairs of mounting screws: 5mm, 8mm, 10mm, 12mm; 1 plastic protector	1 non-magnetic screw driver; 1 brush; 2 washers; 4 pairs of mounting screws: 5mm, 8mm, 10mm, 12mm; 1 plastic protector	1 non-magnetic screw driver; 1 brush; 2 washers; 4 pairs of mounting screws: 5mm, 8mm, 10mm, 12mm; 1 plastic protector	1 non-magnetic screw driver; 1 brush; 2 washers; 4 pairs of mounting screws: 5mm, 8mm, 10mm, 12mm; 1 plastic protector

<sup>(1)</sup> Vertical tracking angle of 20 degrees is IEC/DIN standard.

<sup>(2)</sup> When the stylus is to be replaced, replace the entire cartridge. Take the used cartridge to your Audio-Technica Authorized Service Center.

The new cartridge, or any other model which is desired among the line-up of MC cartridges sold by Audio-Technica, are available at the stylus replacement price (contact an Audio-Technica Authorized Service Center).

<sup>(3)</sup> PCOCC = Pure Copper by Ohno Continuous Casting process.

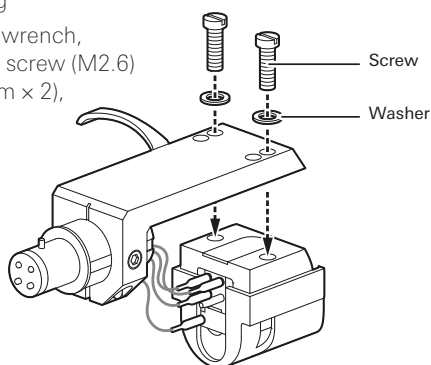
<sup>(4)</sup> When head amplifier connected.

## Headshells

### Removable headshell for half-inch cartridges with azimuth and overhang adjustment

#### Through hole type headshells for threaded cartridges

- Aluminium headshell with hard anodized finish reduces unwanted vibration
- Through hole type headshell fits well with cartridges with threaded holes such as the AT-OC9X series
- Equipped with OFC lead-wires (\*Oxygen Free Copper). Lead-wires utilize a flexible elastomer jacket for ease of cartridge mounting
- Adjustable cylinder enables precise azimuth and overhang setting
- Includes; hexagonal wrench, cartridge installation screw (M2.6) (8.0 mm x 2, 10.0 mm x 2), plastic washer x 2



### AT-LH13H

13g adjustable through hole type headshell, with OFC lead-wires

89,00 €  
Including VAT  
EAN 4961310150518



- Lighter weighted model, that would be chosen by the consideration of cartridge and tonearm specifications.

### AT-LH15H

15g adjustable through hole type headshell, with OFC lead-wires

89,00 €  
Including VAT  
EAN 4961310150525



- Middle weighted model, that would be chosen by the consideration of cartridge and tonearm specifications.

### AT-LH18H

18g adjustable through hole type headshell, with OFC lead-wires

89,00 €  
Including VAT  
EAN 4961310150532



- Higher weighted model, that would be chosen by the consideration of cartridge and tonearm specifications.