

AT90 Series / conical & elliptical styli

The AT90 Series represents years of research and development aimed at producing high-performance cartridges at a reasonable price. Features include durable dual magnet design and round shank diamond stylus, capable of standing up to rigorous commercial use. Excellent channel separation and low distortion add to outstanding tonal quality. AT90 Series cartridges can be mounted on virtually any tonearm.



AT95E/BL

Ellliptical stylus MM stereo cartridge

39,00 €
Including VAT
EAN 4961310016388



Bonded Round Shank
Elliptical

Replacement stylus:
ATN95E
Upgrade replacement:
ATN95Ex



AT95E/HSB

AT95E mounted on AT-HS10BK headshell

64,00 €
Including VAT
EAN 4961310134372



AT91/BL

Conical stylus MM stereo cartridge

24,00 €
Including VAT
EAN 4961310009885



Bonded Round Shank
Conical
Carbon cantilever

Replacement stylus:
ATN91
Upgrade replacement:
ATN91R

audio-technica cartridges exclusively available on turntables

The AT95Ex cartridge is not available from your Audio-Technica Dealer as a separate item. The AT95Ex cartridge is supplied as an exclusive moving magnet cartridge on the AT-LP5 turntable. ATN95Ex replacement stylus is available as an upgrade for the AT95E.

The AT91R cartridge is not available from your Audio-Technica Dealer as a separate item. The AT91R cartridge is supplied as an exclusive moving magnet cartridge on the AT-LP3 turntable. ATN91R replacement stylus is available as an upgrade for the AT91 or the AT3600L.

The AT3600L cartridge is not available from your Audio-Technica Dealer as a separate item. The AT3600L cartridge is supplied exclusively to turntable manufacturers.



AT95Ex

Ellliptical stylus MM stereo cartridge
with improved transient response



Bonded Round Shank
Elliptical

Replacement stylus:
ATN95Ex



AT91R

Conical stylus MM stereo cartridge
with improved aluminium cantilever



Bonded Round Shank
Conical
Aluminium cantilever

Replacement stylus:
ATN91R



AT3600L

Entry model cartridge[1]



Bonded Round Shank
Conical
Carbon reinforced cantilever

Replacement stylus:
ATN3600L
Upgrade replacement:
ATN91[2]

[1] The AT3600L cartridge is supplied as a budget model moving magnet cartridge on several turntables available on the market. For similar applications, our entry model AT91 provides improved performance. AT91 standard tracking force being 2g instead of 3.5g for AT3600L, using AT91 will improve the life of your vinyl records.

[2] The AT3600L can be upgraded in order to minimize record wear using replacement stylus ATN91 or ATN91R. The upgrade is only possible if your turntable tonearm features tracking force adjustment.

Half-inch mount moving magnet cartridges specifications

Model Number	AT95E	AT95Ex[7]	AT91	AT91R	AT3600L (see note n°5)
					
Type	Stereo Dual Moving Magnet	Stereo Dual Moving Magnet	Stereo Dual Moving Magnet	Stereo Dual Moving Magnet	Stereo Dual Moving Magnet
Frequency Response	20 to 20,000 Hz	20 to 22,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz
Channel Separation	20 dB (1 kHz)	20 dB (1 kHz)	18 dB (1 kHz)	20 dB (1 kHz)	20 dB (1 kHz)
Output Chanel Balance	2.0 dB	2.0 dB	2.5 dB	1.5 dB	2 dB
Output Voltage	3.5 mV (at 1 kHz, 5 cm/sec)	3.5 mV (at 1 kHz, 5 m/sec)	3.5 mV (at 1 kHz, 5 cm/sec)	3.5 mV (at 1 kHz, 5 cm/sec)	3.5 mV (at 1 kHz, 5 cm/sec)
Vertical Tracking Angle	23 degrees	23 degrees	20 degrees	20 degrees	20 degrees
Vertical Tracking Force Range	1.5 to 2.5 g (standard 2.0 g)	1.5 to 2.5 g (standard 2 g)	1.5 to 2.5 g (standard 2.0 g)	1.5 to 2.5 g (standard 2.0 g)	3.5 g
Stylus Shape	Elliptical	Elliptical	Conical	Conical	Conical
Stylus Size	0.3 x 0.7 mil (see note n°4)	0.3 x 0.7 mil	0.6 mil	0.6 mil	0.6 mil
Stylus Construction	Bonded Round Shank	Bonded Round Shank	Bonded Round Shank	Bonded Round Shank	Bonded Round Shank
Cantilever	Aluminium Pipe	Aluminium Pipe	Carbon Fiber Reinforced ABS	Aluminium Pipe	Carbon Fiber Reinforced ABS
Static Compliance	20 x 10^{-6} cm / dyne	20 x 10^{-6} cm / dyne	20 x 10^{-6} cm / dyne	20 x 10^{-6} cm / dyne	20 x 10^{-6} cm / dyne
Dynamic Compliance	6.5 x 10^{-6} cm / dyne (100 Hz)	6.5 x 10^{-6} cm / dyne (100 Hz)	6.5 x 10^{-6} cm / dyne (100 Hz)	5.0 x 10^{-6} cm / dyne (100 Hz)	6.5 x 10^{-6} cm / dyne (100 Hz)
Wire Used for Coil	TPC	TPC	TPC	TPC	TPC
Recommended Load Impedance	47,000 Ω	47,000 Ω	47,000 Ω	47,000 Ω	47,000 Ω
Recommended Load Capacitance	100-200 pF	100-200 pF	100-200 pF	100-200 pF	100-200 pF
Coil Inductance	400 mH (1 kHz)	400 mH (1 kHz)	400 mH (1 kHz)	400 mH (1 kHz)	400 mH (1 kHz)
Cartridge Weight	5.7 g	5.7 g	5.0 g	5.0 g	5.0 g
Mounting	1/2" centers	1/2" centers	1/2" centers	1/2" centers	1/2" centers
Replacement Stylus	ATN95E	ATN95Ex	ATN91 or ATN91R	ATN91R	ATN3600L or ATN91 (see note n°6)
Accessories Included	Two 8 mm installation screws; Two 5 mm installation screws; Two hexagonal nuts; Two round nuts; Four washers;	AT95Ex cartridge comes already installed on turntable.	Two 8 mm installation screws; Two 5 mm installation screws; Two hexagonal nuts; Two round nuts; Four washers;	AT91R cartridge comes already installed on turntable.	AT3600L cartridge comes already installed on turntable.

(1) Vertical tracking angle of 20 degree is IEC/DIN standard.
(2) The extension B or BL indicates only the packaging of the product (Bulk or Blister).
(3) PCOCC = Pure Cooper by Ohno continuous casting process.
(4) The abbreviation mil is equal to a thousandth of an inch - mil = 0,001 inch = 0,0254 mm = 25,4 mm
(5) The AT3600L budget cartridge is exclusively available as a factory fitted entry model for turntable manufacturers only.
(6) ATN3600L replacement stylus is the original stylus of AT3600L cartridge.
ATN91 is an upgrade replacement stylus for AT3600L, this replacement is only possible if your turntable tonearm features tracking force adjustment.
(7) AT95Ex, improved transcient response version of AT95E is exclusively available as factory fitted model for AT-LP5 turntable.

Model Number	AT95E/HSB
	
Dimensions (1)	H20×W21×L60mm
Weight	16.2 g

(1) Total lenght depend on final cartridge position following overhang adjustment.

P-mount moving magnet cartridges specifications

Model Number	AT3482P	AT300P	AT311EP
			
Type	Stereo Dual Dual Magnet	Stereo Dual Dual Magnet	Stereo Dual Dual Magnet
Frequency Response	20 to 20,000 Hz	20 to 22,000 Hz	15 to 27,000 Hz
Channel Separation	24 dB / 15 dB (1 kHz/10 kHz)	26 dB / 16 dB (1 kHz/10 kHz)	29 dB / 18 dB (1 kHz/10 kHz)
Output Chanel Balance	1.5 dB (1 kHz)	1.5 dB (1 kHz)	1.25 dB (1 kHz)
Output Voltage	5.0 mV (at 1 kHz, 5 cm/sec)	5.0 mV (at 1 kHz, 5 cm/sec)	3.5 mV (at 1 kHz, 5 cm/sec)
Vertical Tracking Angle	20 degree (see note n°1)	20 degree (see note n°1)	20 degree (see note n°1)
Vertical Tracking Force Range	1.0 to 1.5 g (1.25g recommended)	1.0 to 1.5 g (1.25g recommended)	1.0 to 1.5 g (1.25g recommended)
Stylus Shape	Conical	Conical	Elliptical
Stylus Size	0.6 mil (see note n°4)	0.6 mil (see note n°4)	0.3 x 0.7 mil (see note n°4)
Stylus Construction	Bonded Round Shank	Bonded Round Shank	Bonded Round Shank
Cantilever	Carbon Fiber	Alloy Tube	Alloy Tube
Color : body / styli	Black / Black	Black / Ivory	Black / Ivory
Wire Used for Coil	TPC	TPC	TPC
Recommended Load Impedance	47,000 Ω	47,000 Ω	47,000 Ω
Recommended Load Capacitance	100-200 pF	100-200 pF	100-200 pF
Coil Inductance	400 mH (1 kHz)	400 mH (1 kHz)	400 mH (1 kHz)
Mounting	P-mount only	P-mount & 1/2" mount	P-mount & 1/2" mount
Replacement Stylus	ATN3472P (aluminium cantilever)	ATN3472P	ATN3472SE
Accessories Included	P-mount black installation screw and nut; plastic protector;	P-mount black installation screw and nut; plastic protector; Universal 1/2" mount adaptor	P-mount black installation screw and nut; plastic protector; Universal 1/2" mount adaptor

(1) Vertical tracking angle of 20 degree is IEC/DIN standard.
(4) The abbreviation mil is equal to a thousandth of an inch - mil = 0,001 inch = 0,0254 mm = 25,4 mm