

# AT-LPA2

## Fully Manual Belt-Drive Turntable



### Overview

The AT-LPA2 is the finest turntable Audio-Technica has ever developed, designed to reveal the purity of analog audio.

Assembled from transparent acrylic, the AT-LPA2 fully manual belt-drive turntable combines contemporary aesthetics with analog expertise, while remaining incredibly easy to set up and use. We designed the AT-LPA2 to minimise resonance, which can cause noise and distortion in the signal chain, while maximising detailed audio reproduction of your vinyl records with crystal-clear accuracy. Not only is the acrylic stunning, it is also an ideal material for turntable construction, greatly reducing reverberations that might otherwise affect sound clarity.

The AT-LPA2 features a high-density, 30 mm transparent acrylic chassis and 20 mm platter to provide exceptional stability and vibration damping for pure, uncolored sound. Exclusively designed heavy-duty, height-adjustable feet isolate the turntable from vibration. The mass of the acrylic platter also allows it to spin at a consistent speed. Additionally, an optical sensor, positioned under the spindle, monitors platter rotation to maintain an accurate speed of 33-1/3 or 45 RPM.

To further reduce unwanted noise, we've moved the controls and power supply into a separate unit – a feature typically found only on more expensive turntables – thereby isolating the turntable's sensitive audio components from electrical interference associated with powering and operating the turntable's motor. This isolation ensures the quietest performance possible, so you hear only the music from your records, not electrical noise.

The AT-LPA2 comes with a pre-mounted AT-OC9XEN moving coil cartridge,\* which features a nude elliptical stylus (0.3 x 0.7 mil) and high-purity PCOCC coils. The AT-OC9XEN cartridge is designed to capture every nuance of your records with stunning clarity, while providing outstanding channel separation. The lower mass of the moving coil structure (compared to moving magnet cartridges) allows the stylus to react more quickly to changes in the record groove, resulting in more detailed audio reproduction.

The cartridge comes mounted to an exclusive machined-aluminum headshell with azimuth adjustment, that attaches to the straight, carbon-fiber tonearm. Engineered specifically for this turntable, the new 8.8-inch tonearm also offers VTA adjustment. The lightweight, anti-resonant tonearm tracks smoothly and precisely, utilising a highly accurate, finely adjustable string-type anti-skate mechanism to counteract any inward pull and maintain proper channel balance. In addition, the tonearm includes two counterweight options (110 g and 130 g) to allow you to use a wide variety of other cartridges, should you so choose. With its clean, modern look, advanced components, precision engineering, and ease of setup, the AT-LPA2 is your entry into the world of pure analog audio.

*\*Please Note: AT-OC9XEN's stylus assembly is not field-replaceable, but Audio-Technica offers a fee-based Moving Coil Exchange Program to properly service your moving coil cartridge. The cartridge's low (0.35 mV) output voltage also requires the use of a step-up transformer or moving coil phono preamp to boost the signal.*

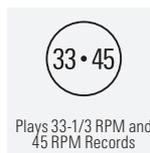
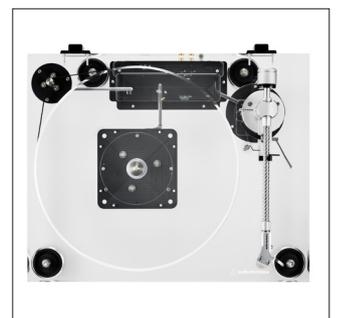
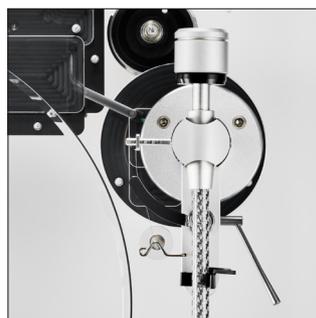
### / Dual Moving Coil Cartridge AT-OC9XEN

The AT-OC9XEN moving coil cartridge\* features a nude elliptical stylus (0.3 x 0.7 mil) and high-purity PCOCC coils. Designed to capture every nuance of your records with stunning clarity, this cartridge blends engineering innovations with carefully selected materials to provide outstanding channel separation and detailed audio reproduction.

\*Please note: The cartridge's low (0.35 mV) output voltage requires the use of a step-up transformer or moving coil phono preamp to boost the signal.

### / Ultimate Resonance Reduction Made of Acrylic

The high-density acrylic of the chassis and platter dampens vibrations for supremely quiet playback, allowing the brilliance and detail of your vinyl records to shine through.



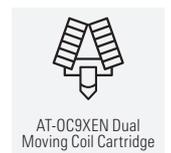
Plays 33-1/3 RPM and 45 RPM Records



Fully Manual Operation



Belt Drive



AT-OC9XEN Dual Moving Coil Cartridge

# AT-LPA2

## Fully Manual Belt-Drive Turntable



### / Quiet, Stable Performance

#### External Power Supply and Control Unit

To minimize electrical interference and ensure optimal performance, the AT-LPA2 features a separate power and control unit. This design isolates the sensitive audio components from power supply noise, resulting in a cleaner, more accurate sound.

### / Exclusively Designed and Engineered

#### New Tonearm for Excellent Tracking

The AT-LPA2's newly designed tonearm is engineered for precision and ease of use. Featuring advanced materials and construction, the tonearm provides superior tracking with reduced resonance, allowing for faithful reproduction of the original recording.

### Features

- The finest turntable Audio-Technica has ever developed, designed to reveal the purity of analog audio
- Despite the turntable's mechanical precision, it remains incredibly easy to set up and use
- Fully manual, belt-drive operation with two speeds: 33-1/3 and 45 RPM
- 30 mm-thick transparent chassis is made from low-resonance, high-density clear acrylic
- 20 mm-thick, high-density transparent acrylic platter is calibrated to spin at a consistent speed
- AT-OC9XEN MC cartridge\* with 0.3 x 0.7 mil elliptical nude stylus provides detailed sound reproduction with excellent channel separation and low distortion
- Separate control unit / power supply isolates the turntable from unwanted electrical noise
- Optical sensor, positioned under the spindle, monitors platter rotation to maintain accurate speed
- Newly designed, carbon-fiber tonearm is precision-engineered for superior tracking and stability, with adjustable VTA
- Highly accurate and finely adjustable weighted anti-skate mechanism (string-type)
- Includes both a 110 g and 130 g counterweight to accommodate most cartridge configurations
- Exclusive machined-aluminum headshell with azimuth adjustment
- Phono-level output provides pure, direct transmission of the cartridge's signal
- Exclusively designed heavy-duty, height-adjustable feet isolate the turntable from vibration
- Includes dual RCA (male) to dual RCA (male) stereo cable, ground wire, 45 RPM adapter, removable hinged dust cover, hex wrench (to adjust tonearm height), white inspection gloves (to prevent fingerprints during setup)

\* Please note: The AT-OC9XEN MC cartridge's low (0.35 mV) output voltage also requires the use of a step-up transformer or moving coil phono preamp to boost the signal.

### Turntable Specifications

Motor	DC servo
Driving method	Belt drive
Speeds	33-1/3 RPM or 45 RPM
Turntable platter	20 mm-thick, acrylic platter
Wow and flutter	<0.12% WRM (33 RPM)
Signal-to-noise ratio	> 60 dB

### Tonearm Specifications

Type	Static balanced straight carbon tonearm
Effective length	223.6 mm
Overhang	18.6 mm
Maximum tracking error angle	Less than 2.0°
Stylus pressure adjustment range	0 to 3.0 g
Applicable cartridge weight range (excluding headshell)	Light counterweight: 6.1 to 9.2 g Heavy counterweight: 9.2 to 13.9 g
Tonearm height adjustment range	-1.5 mm to +7 mm (with included cartridge)
Anti-skate mechanism	Thread-suspended type
Anti-skate adjustment range	Equivalent to 1.3 g to 3.0 g stylus pressure

### Cartridge and Headshell Specifications

Cartridge model	AT-OC9XEN
Cartridge type	MC
Recommended load resistance	≥ 100 ohms (when head amplifier connected)
Frequency response	20 to 30,000 Hz
Output voltage	0.35 mV (1 kHz, 5 cm/sec.)
Stylus	0.3 x 0.7 mil elliptical nude stylus
Cantilever	Aluminum pipe
Tracking force range	1.8 to 2.2 g (standard 2.0 g)
Cartridge weight	Approx. 7.6 g (0.27 oz)
Headshell weight	Approx. 11.0 g (0.39 oz) (including lead wires) Approx. 10.2 g (0.36 oz) (excluding lead wires)

Headshell overhang adjustment range -2.5 mm to +2.5 mm (when using AT-OC9XEN)

### General Specifications

Dimensions	Turntable body: 420 mm (17") x 340 mm (13") x 135 mm (5.3") (W x D x H) Control unit: 133 mm (5.2") x 228 mm (9.0") x 50 mm (2.0") (W x D x H)
Weight	Turntable body: Approx. 8.4 kg (19 lbs) Control unit: Approx. 1.1 kg (2.4 lbs)
Power supply requirements	100 to 240 V, 50/60 Hz
Power consumption	6 W
Accessories	Control unit, Dust cover, Platter, Drive belt, Dust cover hinges, Counterweight (light), Counterweight (heavy), Weight for anti-skate, Auxiliary weight for anti-skate, Headshell with MC stereo cartridge (AT-OC9XEN), 45 RPM adapter, RCA audio cable (approx. 1.1 m (3.6')), Power cable (approx. 1.8m (5.9')) *1, Control cable (approx. 1.0 m (3.3')), Ground cable (approx. 1.1 m (3.6')), Hexagonal wrench, Gloves
Replacement belt (sold separately)	AT-LPA2 exclusive belt

\*1 Power cable length and plug shape may vary depending on the country of sale. For product improvement, the product is subject to modification without notice.

RRP: £1699.00 / 1999.00€ (inc. VAT)  
EAN Code: 4961310163693