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Audio-Technica ATN3600L

Audio-Technica ATN3600L Replacement Stylus Instruction Manual

Model: ATN3600L | Brand: Audio-Technica

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Audio-Technica ATN3600L Replacement Stylus. The ATN3600L is designed for optimal performance with compatible Audio-Technica cartridges and turntables, including the AT-LP60X, AT-LP60XBT, and AT-LP60XBT-USB models.

Regular replacement of your stylus is crucial for maintaining sound quality and preventing damage to your vinyl records. Please read this manual thoroughly before proceeding with installation or use.

SETUP AND INSTALLATION

Before installing the new stylus, ensure your turntable is powered off and unplugged from the power outlet. Handle the stylus carefully by its plastic housing to avoid touching the delicate stylus tip.

Removing the Old Stylus

1. Gently grasp the sides of the old stylus housing.
2. Pull the stylus downwards and forwards, away from the cartridge body, until it detaches.
3. Dispose of the old stylus responsibly.

Installing the New ATN3600L Stylus

1. Hold the new ATN3600L stylus by its plastic housing.
2. Align the new stylus with the cartridge body.
3. Push the stylus upwards and backwards into the cartridge body until it clicks securely into place. Ensure it is firmly seated.

Audio-Technica AT-LP120-USB Stylus Replacement including Tracking Force



Image: Close-up view of the ATN3600L stylus being installed onto a turntable cartridge. The green plastic housing of the stylus is visible, being carefully pushed into the metal cartridge body.

Adjusting Tracking Force (if applicable)

The recommended tracking force for the ATN3600L stylus is typically 1.5 to 2.5 grams, with 2.0 grams being standard. If your turntable allows for tracking force adjustment, use a stylus force gauge to set it to the recommended value for optimal performance and to prevent record wear.



Image: A stylus force gauge measuring the tracking force of a turntable's tonearm with the ATN3600L stylus installed. The digital display shows the measured weight.

Installation Videos

Watch this official seller video for a detailed tutorial on replacing the stylus on compatible Audio-Technica AT-LP60x series turntables:

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Video: "AT-LP60x Series Turntables Stylus Replacement Tutorial" by Retail Solutions, LLC. This video demonstrates the step-by-step process of removing an old stylus and installing a new ATN3600L stylus on an Audio-Technica AT-LP60x series turntable.

Another helpful video from a seller demonstrating the ATN3600L stylus replacement:

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Video: "New ATN3600L Stylus Replacement For Audio-Technica AT-LP60" by ZenTect Official Store-Tinmm Cxjdaa. This short video provides a quick visual guide to replacing the ATN3600L stylus.

OPERATING INSTRUCTIONS

Once the stylus is correctly installed and tracking force is set, you can begin playing your records.

1. Place a clean vinyl record on the turntable platter.
2. Ensure the turntable is set to the correct speed (33 1/3 or 45 RPM) for your record.
3. Gently lift the tonearm using the cueing lever.
4. Position the stylus over the desired starting groove of the record.
5. Slowly lower the tonearm using the cueing lever. The stylus will make contact with the record and begin playback.

For optimal sound quality and to prolong the life of your stylus and records, always use the cueing lever to raise and lower the tonearm. Avoid dropping the tonearm onto the record.

Maintenance and Care

Proper maintenance ensures the longevity of your stylus and the quality of your audio experience.

- Stylus Cleaning:** Regularly clean the stylus tip using a soft brush designed for stylus cleaning. Brush gently from back to front (away from the cantilever) to remove dust and debris.
- Record Cleaning:** Keep your records clean. Dust and dirt on records can transfer to the stylus, affecting sound quality and accelerating wear.
- Stylus Replacement:** The typical lifespan of a diamond stylus is approximately 300 to 1000 hours of playback, depending on usage and record condition. Replace your stylus when you notice a degradation in sound quality (e.g., dullness, distortion, increased surface noise) or visible wear on the tip.

Troubleshooting

Problem	Possible Cause	Solution
Poor Sound Quality (dull, distorted)	Worn or dirty stylus, incorrect tracking force, dirty record.	Clean stylus, check/adjust tracking force, clean record, replace stylus if worn.
Skipping	Incorrect tracking force, damaged record, dirty stylus, turntable not level.	Check/adjust tracking force, clean stylus, ensure turntable is level, inspect record for damage.
No Sound	Stylus not properly seated, loose connections, amplifier/speaker issues.	Ensure stylus is fully clicked into cartridge, check all audio connections, verify amplifier/speaker functionality.

Specifications

- Model:** ATN3600L
- Stylus Type:** Conical Bonded
- Material:** Acrylic Coated Cotton (likely referring to packaging or a component, not stylus tip)
- Compatible Cartridges:** AT3600, AT3600L, AT3601, AT3651, AT3650L, AT3650C, AT3650, AT3626
- Compatible Turntables:** Audio-Technica AT-LP60X, AT-LP60XBT, AT-LP60XBT-USB
- Item Weight:** 0.634 ounces
- Product Dimensions:** 0.3 x 0.1 x 0.6 inches
- UPC:** 042005109838

Warranty and Support

Warranty does not cover misuse of the product. For specific warranty details and support, please refer to the official Audio-Technica website or contact their customer service.

Additional Resources

For further information on analog records and sound engineering, you may find the following video helpful:

Your browser does not support the video tag.

Video: "ANALOG RECORD LECTURE by JAPANESE SOUND ENGINEER 1" by LP GEAR. This video provides insights into analog record production and engineering, enhancing your understanding of vinyl audio.

