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> AT Cartridge and Stylus Instruction Manual for Hitachi HT L33, HT L303, HT L55, HT L70 Turntables

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AT Cartridge and Stylus Instruction Manual

For Hitachi HT L33, HT L303, HT L55, HT L70 Turntables

INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your new AT Cartridge and Stylus. This product is designed to deliver high-quality audio performance and is compatible with Hitachi turntable models HT L33, HT L303, HT L55, and HT L70. Please read these instructions carefully before use to ensure optimal performance and longevity of your equipment.



Image: The AT Cartridge and Stylus assembly, including the fixing bolt and a clear stylus guard, ready for installation.

SETUP AND INSTALLATION

Proper installation of the cartridge and stylus is crucial for sound quality and to prevent damage. This section outlines the steps for replacing or installing the stylus and cartridge.

Stylus Replacement

1. **Remove the old stylus:** Gently locate the small notch on the front of the existing stylus. Carefully pull the stylus downwards and away from the cartridge body to detach it.
2. **Prepare the new stylus:** Unpack the new stylus. Ensure it is clean and free from debris.
3. **Install the new stylus:** Align the new stylus with the cartridge body, following the groove line. Gently push the stylus upwards and inwards until it clicks securely into place. Ensure the top of the stylus is flush with the cartridge body.



Video: A demonstration showing the process of removing an old stylus and installing a new one onto the cartridge body. This video illustrates the steps for stylus replacement.

Cartridge Installation (if replacing the entire cartridge)

If you are replacing the entire cartridge, ensure your turntable's tonearm is properly balanced and aligned after installation. The cartridge comes with a fixing bolt for secure attachment to the headshell.



Image: Rear view of the AT Cartridge, displaying the connection pins and the included fixing bolt for mounting to a turntable headshell.

OPERATING INSTRUCTIONS

Once the cartridge and stylus are correctly installed, operate your turntable as usual. Ensure the tonearm's tracking force is set within the recommended range of 1.0-1.5 grams for optimal sound reproduction and to minimize record wear. Refer

to your turntable's specific manual for instructions on adjusting tracking force and anti-skate settings.

MAINTENANCE

Regular maintenance helps preserve the life of your stylus and maintain sound quality.

- **Stylus Cleaning:** Use a soft brush, specifically designed for stylus cleaning, to gently brush the stylus tip from back to front. Never brush from front to back, as this can damage the cantilever. Clean the stylus regularly to remove dust and debris that can accumulate during playback.
- **Stylus Guard:** Always use the provided stylus guard when the turntable is not in use or during transport to protect the delicate stylus tip from accidental damage.
- **Storage:** When not installed, store the cartridge and stylus in a clean, dry place, away from direct sunlight and extreme temperatures.



Image: A close-up view of the green replacement stylus, highlighting the delicate needle tip. This component requires careful handling and regular cleaning.

TROUBLESHOOTING

If you experience issues with sound reproduction, consider the following common troubleshooting steps:

- **No Sound or Weak Sound:**
 - Check all connections from the turntable to your amplifier/receiver.
 - Ensure the stylus is correctly seated in the cartridge.
 - Verify the tracking force is set correctly (1.0-1.5 grams).

- **Distorted Sound:**
 - Clean the stylus tip.
 - Check for proper tracking force and anti-skate settings.
 - Inspect the stylus for any visible damage or bending. A damaged stylus will require replacement.
- **Skipping:**
 - Ensure the record is clean and free of dust.
 - Verify the tracking force is set correctly.
 - Check if the turntable is level.

SPECIFICATIONS

Frequency Response	20-22,000 Hz
Channel Separation	> 22dB at 1kHz
Recommended Downforce	1.0-1.5 grams
Manufacturer	Audio-Technica (AT)
Compatible Turntable Models	Hitachi HT L33, HT L303, HT L55, HT L70
Item Model Number	4330367147

SUPPORT

For further assistance or inquiries regarding your AT Cartridge and Stylus, please refer to the manufacturer's official support channels or contact your retailer. Always ensure you are using genuine replacement parts for optimal performance and to maintain product integrity.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question