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ANGELS HORN AT-3600L

ANGELS HORN Vinyl Record Player Turntable

MODEL: AT-3600L

User Instruction Manual

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ANGELS HORN AT-3600L Vinyl Record Player Turntable. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Figure 1: ANGELS HORN AT-3600L Vinyl Record Player Turntable (Brown finish)

Setup

1. Unboxing and Components

Carefully remove all components from the packaging. Ensure all listed items are present:

- Turntable Unit
- Dust Cover
- Platter
- Drive Belt
- Counterweight
- Anti-skate Weight

- Power Adapter
- RCA Cable
- Felt Mat
- AT-3600L Cartridge (pre-installed)

2. Assembly and Initial Setup

Follow these steps to assemble and prepare your turntable for first use:

1. **Place the Platter:** Carefully place the platter onto the center spindle of the turntable.

2. **Install the Drive Belt:**

Locate the drive belt and carefully stretch it around the inner rim of the platter and around the motor pulley. Ensure the belt is not twisted.

Your browser does not support the video tag.

Video 1: AH1 Installation video (Seller). This video demonstrates the installation of the drive belt and other components.

3. **Place the Felt Mat:** Lay the felt mat on top of the platter.

4. **Install the Counterweight:** Slide the counterweight onto the rear of the tonearm. Rotate it until the tonearm is balanced and floats horizontally. Then, adjust the tracking force according to the cartridge specifications (typically 3.5g for AT-3600L).



Figure 2: Close-up of the tonearm and counterweight adjustment. Proper adjustment ensures optimal tracking and sound quality.

5. **Attach the Anti-skate Weight:** Loop the anti-skate weight string over the anti-skate post. This helps prevent the tonearm from drifting inwards.

6. **Install the Dust Cover:** Carefully attach the dust cover to the hinges at the back of the turntable.

7. **Connect Power:** Plug the power adapter into the DC 12V input on the rear of the turntable and then into a wall outlet.

Operating Instructions

1. Playing a Record

1. **Power On:** Turn the power switch to the ON position.

2. **Select Speed:** Choose the appropriate speed (33 1/3 or 45 RPM) using the speed selector switch.

Belt Drive 2 speeds

33 1/3 or 45 RPM



Supports any size of vinyl record
Including 7", 10" & 12" sizes.

Figure 3: The turntable features a belt drive system and supports 33 1/3 and 45 RPM speeds.

3. **Place Record:** Place your vinyl record on the felt mat.
4. **Adjust Pitch (Optional):** Use the Pitch control knob to fine-tune the playback speed if needed.

Precise Adjustment

Adjust the spin rate of every record to precisely 33 1/3 or 45 RPM using the pitch control.

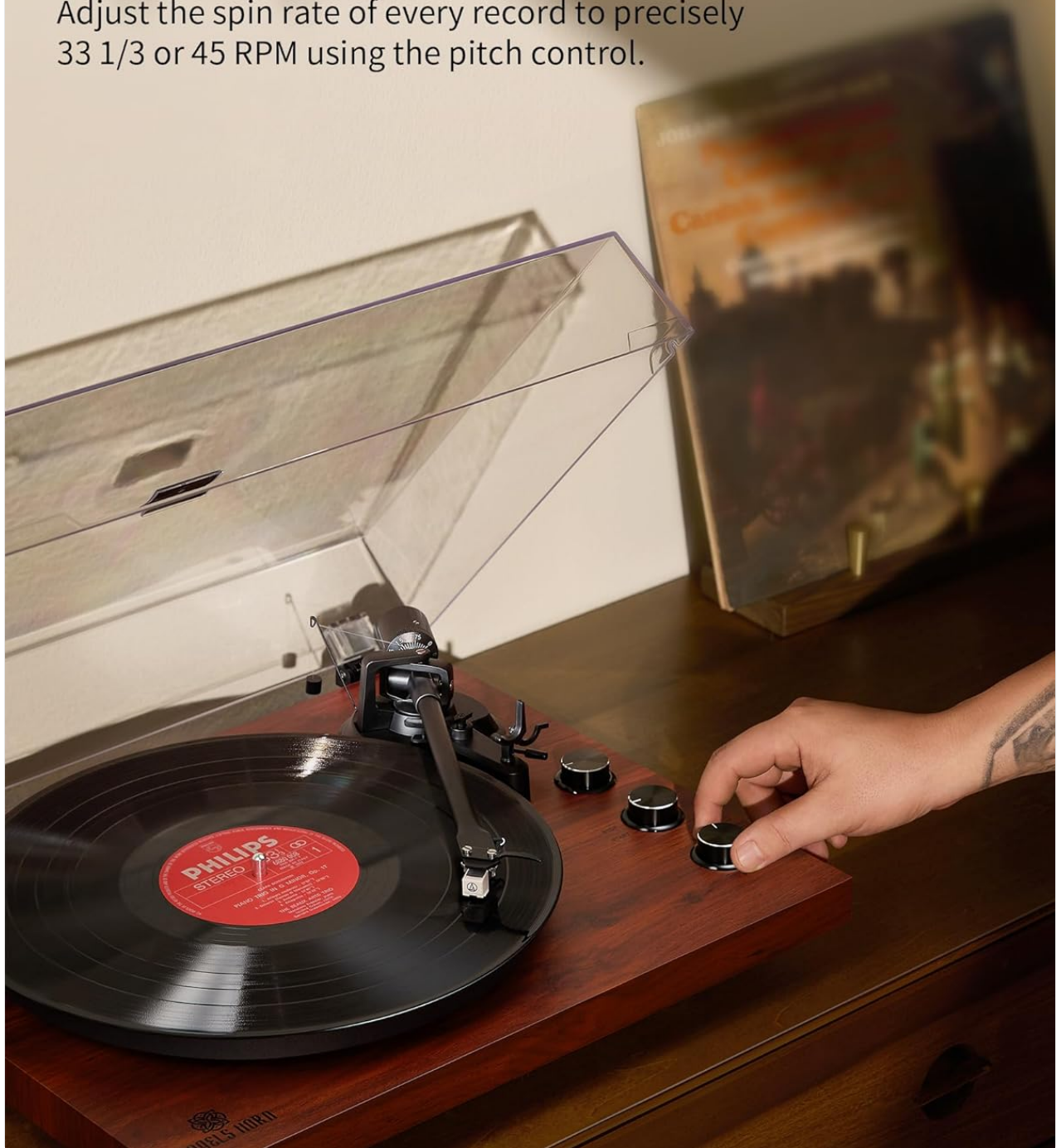


Figure 4: The pitch control allows for precise adjustment of the spin rate for optimal audio playback.

5. **Lower Tonearm:** Gently lift the tonearm using the cueing lever and position it over the desired track. Slowly lower the tonearm onto the record using the cueing lever.
6. **Enjoy:** The music will begin to play.
7. **Stop Playback:** At the end of the record, the turntable will automatically stop spinning after approximately 3 minutes. Manually lift the tonearm using the cueing lever and return it to its rest. Turn the power switch to OFF.

2. Wireless Connectivity (Bluetooth Output)

The turntable features built-in Bluetooth 5.3 for wireless audio output.

- Ensure your Bluetooth speaker, soundbar, or headphones are in pairing mode.

- The turntable will automatically search for and connect to nearby Bluetooth devices.
- Once connected, audio from the record player will stream wirelessly to your device.

Wireless Connections

Support lossless output with bluetooth 5.3 function



Figure 5: Enjoy your vinyl collection with the convenience of Bluetooth 5.3 wireless output to headphones or speakers.

Note: This record player does not support Bluetooth input, meaning you cannot connect a phone or other device to play through the turntable's internal system (if any).

3. Wired Connections (RCA Output)

For wired connections, use the RCA (R&L) jacks on the rear panel.

- Connect the RCA cable from the turntable's RCA (R&L) jacks to your external amplifier or powered speakers.
- Use the Phono-Line Out Switch to select between PHONO (for external phono preamps) or LINE (for built-in phono preamp).



①



RCA (R&L) Jacks

Connect with external power speaker for louder sound via Aux Out cable.

②



Phono-Line Out Switch

Select to use it with or without phono.

③



Bluetooth Output Signal

Connect the the turntable to your Bluetooth speakers or headphone.

Figure 6: Rear panel showing RCA (R&L) Jacks, Phono-Line Out Switch, and Bluetooth Output Signal indicator.

- **Dust Cover:** Always keep the dust cover closed when the turntable is not in use to prevent dust accumulation on the platter and tonearm.
- **Cleaning:** Use a soft, dry cloth to clean the turntable's surface. For records, use a dedicated record brush to remove dust before playback.
- **Stylus Care:** Periodically clean the stylus with a soft brush designed for stylus cleaning, brushing from back to front.
- **Belt Inspection:** Check the drive belt periodically for wear or stretching. Replace if necessary to maintain consistent playback speed.

Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure power adapter is securely plugged in. Test outlet with another device.
No sound	Incorrect Phono-Line switch setting, loose RCA cables, or Bluetooth not paired.	Check Phono-Line switch. Ensure RCA cables are firmly connected. Re-pair Bluetooth device.
Skipping or distorted sound	Improper tonearm balance/tracking force, dirty stylus/record, or turntable not level.	Re-balance tonearm and adjust tracking force. Clean stylus and record. Ensure turntable is on a level surface.
Inconsistent speed (too fast/slow)	Drive belt issues, or pitch control needs adjustment.	Check drive belt for proper placement or wear. Adjust pitch control knob.

Specifications

- **Brand:** ANGELS HORN
- **Model:** AT-3600L
- **Connectivity Technology:** Bluetooth 5.3, RCA (R&L)
- **Maximum Rotational Speed:** 33 1/3 RPM, 45 RPM
- **Drive Type:** Belt-Drive
- **Special Feature:** Manual Belt Drive, Pitch Control, Built-in Phono Preamp, Adjustable Counterweight
- **Material:** Wood
- **Item Weight:** 14.74 pounds (6.7 Kilograms)
- **Package Dimensions:** 19 x 16.7 x 7.5 inches
- **Included Components:** Cover
- **Manufacturer:** ANGELS HORN
- **Country of Origin:** China

Warranty and Support

ANGELS HORN is dedicated to providing high-quality products and excellent customer service.

- **Quality Guarantee:** The product comes with a 3-Year quality guarantee.
- **Lifetime Accessories Support:** Lifetime support is provided for accessories.
- **Customer Service:** For any inquiries or support needs, ANGELS HORN offers 24-hour solutions feedback before and after service.
- **Contact:** Please refer to the contact information provided on the product packaging or the official ANGELS HORN website for direct support.