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U-Turn Audio 400BKALMRSOR5

U-Turn Audio Orbit Plus (Gen 2) Turntable Instruction Manual

Model: 400BKALMRSOR5 | Brand: U-Turn Audio

INTRODUCTION

The U-Turn Audio Orbit Plus (Gen 2) Turntable is designed to provide high-fidelity audio playback for your vinyl collection. Featuring an OA3 precision gimbal tonearm, a grooved acrylic platter, and an external belt drive, this turntable delivers accurate tracking, consistent speed, and detailed sound. This manual provides essential information for setting up, operating, and maintaining your turntable.



Figure 1: U-Turn Audio Orbit Plus (Gen 2) Turntable, Black No Preamp.

PACKAGE CONTENTS

Before you begin, ensure all components are present:

- Orbit Plus Turntable
- AC Adapter
- RCA Cables
- Dust Cover
- Felt Mat

SETUP GUIDE

Follow these steps to set up your Orbit Plus turntable:

1. **Placement:** Place the turntable on a stable, level surface away from direct sunlight, heat sources, and vibrations.
2. **Platter Installation:** Carefully place the grooved acrylic platter onto the spindle.
3. **Belt Installation:** The external belt drive uses a seamless silicone belt. Gently stretch the belt around the motor pulley and the outer rim of the platter. Ensure it is seated correctly.
4. **Tonearm Setup:**
 - The OA3 precision gimbal tonearm features a one-piece magnesium armtube.
 - Install the Ortofon OM5E cartridge onto the tonearm if not pre-installed.
 - Adjust the counterweight at the rear of the tonearm to achieve the recommended tracking force for your cartridge. Refer to the cartridge manufacturer's specifications for precise settings.
 - The tonearm includes internal anti-skate, which is pre-calibrated for optimal performance.



OA3 Precision Gimbal Tonearm with One-Piece Magnesium Armtube

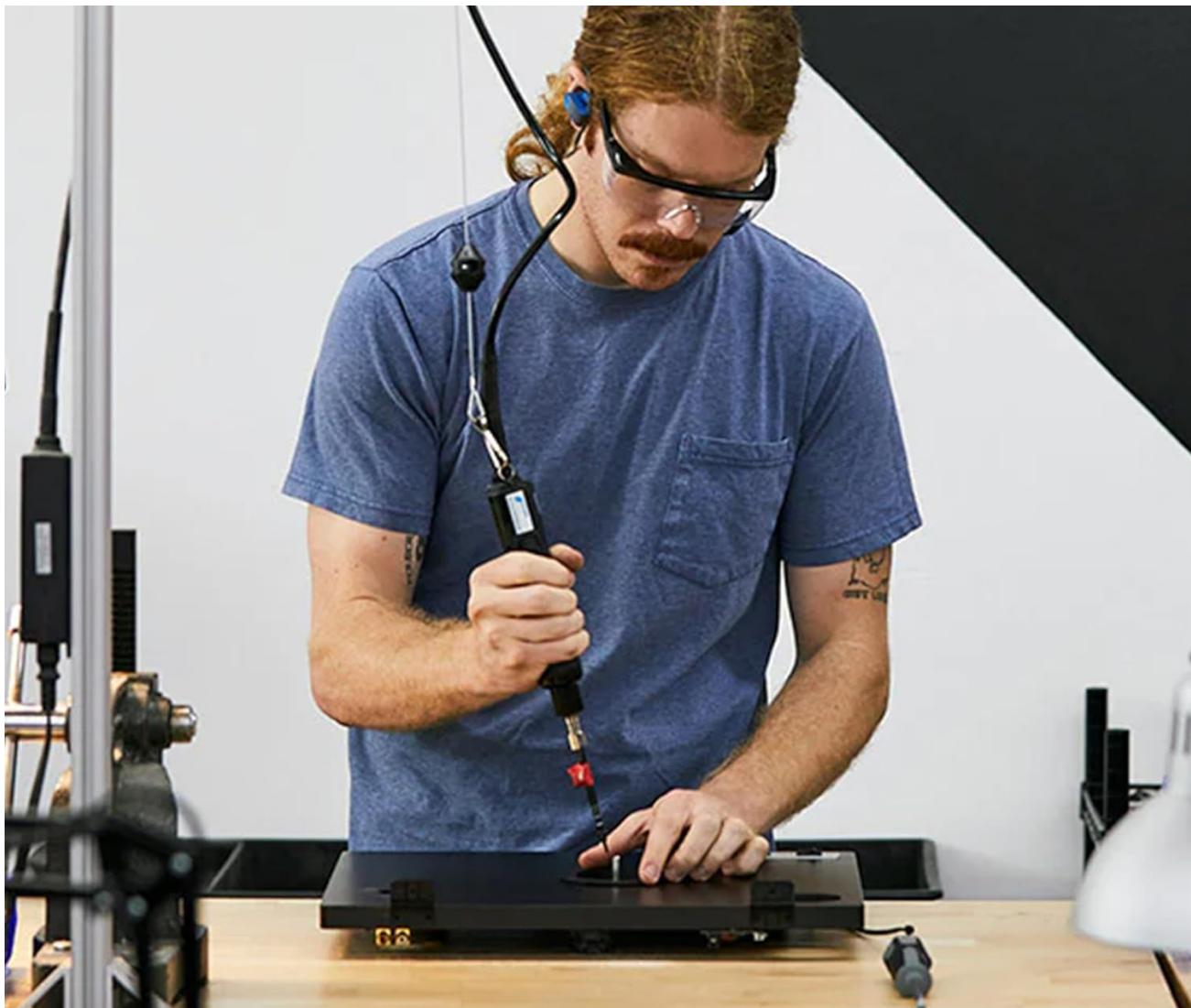
Figure 2: OA3 Precision Gimbal Tonearm with Ortofon OM5E Cartridge.

5. Connect to Audio System:

This turntable requires an external turntable preamp or an amplifier with dedicated phono inputs. Connect the RCA cables from the turntable's output to the appropriate input on your preamp or amplifier. Connect the ground wire to the ground terminal on your audio equipment to minimize hum.

6. **Power Connection:** Connect the AC adapter to the turntable and then to a power outlet.

7. **Dust Cover:** Place the dust cover over the turntable to protect it when not in use.



Hand Assembled in the USA

Figure 3: U-Turn Audio turntables are Hand Assembled in the USA.

OPERATING INSTRUCTIONS

Operating your Orbit Plus turntable is straightforward:

1. **Power On/Off:** Use the power switch located on the front left of the turntable to turn the unit on or off.



Low-Noise AC Motor with Manual Speed Control

Figure 4: Power switch and U-Turn logo.

2. **Selecting Playback Speed:** The Orbit Plus features manual speed control. To change between $33 \frac{1}{5}$ RPM and 45 RPM, you must manually move the silicone belt between the two grooves on the motor pulley.



Grooved, Low-Resonance Acrylic Platter

Figure 5: Grooved acrylic platter and external belt drive for speed selection.

3. Playing a Record:

- Place your vinyl record onto the platter.
- Carefully lift the tonearm using the tonearm lift lever (if present, or manually if not).
- Position the stylus over the lead-in groove of the record.
- Gently lower the tonearm onto the record. The music will begin to play.

4. Stopping Playback:

- Lift the tonearm from the record.
- Return the tonearm to its rest.
- Turn off the turntable using the power switch.



Ready to Play Out of the Box

Figure 6: Ready to Play Out of the Box.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your turntable:

- **Dust Cover:** Always keep the dust cover closed when the turntable is not in use to prevent dust accumulation on the platter and stylus.
- **Cleaning:**
 - Use a soft, dry, lint-free cloth to clean the turntable's chassis and dust cover.
 - For the acrylic platter, use a specialized acrylic cleaner and a soft cloth to avoid scratches.
 - Regularly clean your records with a record brush to remove dust and static before playback.
 - Use a dedicated stylus brush to gently clean the stylus, brushing from back to front.
- **Belt Care:** Inspect the silicone belt periodically for any signs of wear or stretching. Replace if necessary to maintain accurate speed.

TROUBLESHOOTING

If you encounter issues with your turntable, refer to the following common solutions:

Problem	Possible Cause	Solution
No Sound or Low Volume	Incorrect input selected on amplifier/preamp. Turntable not connected to a phono input or external preamp. Cables not securely connected.	Ensure correct input (e.g., "Phono") is selected. Connect to a phono input or use an external phono preamp. Check all RCA and ground cable connections.
Distorted Sound / Skipping	Dust/debris on record or stylus. Incorrect tracking force. Turntable not level.	Clean record and stylus. Re-adjust tonearm counterweight. Ensure turntable is on a level surface.
Incorrect Playback Speed	Belt not correctly positioned for desired RPM. Worn or stretched belt.	Manually adjust belt position on motor pulley. Replace the silicone belt.
Humming Noise	Ground wire not connected. Interference from other electronics.	Ensure ground wire is securely connected to both turntable and amplifier/preamp. Move turntable away from other electronic devices.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.5 x 16.75 x 4.25 inches
Item Weight	15.23 pounds
Model Number	400BKALMRSOR5
Brand	U-Turn Audio
Connectivity Technology	Wired
Included Components	AC Adapter, Dust Cover, Felt Mat, Orbit Plus, RCA Cables
Material	Acrylic, Magnesium, Wood
Style	No Preamp
Color	Black
Compatible Devices	Headphone (requires appropriate preamp/adapter)
Motor Type	AC Motor
Signal Format	Analog
Power Source	Corded Electric

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official U-Turn Audio website or contact their customer service directly. Extended protection plans may be available for purchase to provide additional coverage beyond the standard manufacturer's warranty.

- **Protection Plans:** Options such as 2-Year and 3-Year Protection Plans are available.
- **Online Support:** Visit the [U-Turn Audio Store on Amazon](#) for more information and resources.

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