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Pro-Ject Debut PRO Sumiko Rainier Satin Black (Model 9120097829047)

Pro-Ject Debut PRO Turntable User Manual

Model: Debut PRO Sumiko Rainier Satin Black (9120097829047)

Brand: Pro-Ject Audio Systems

1. INTRODUCTION

The Pro-Ject Debut PRO is a high-fidelity turntable designed for audiophiles, commemorating 30 years of Pro-Ject Audio Systems' innovation. This premium device integrates advanced technical design with elegant aesthetics to deliver exceptional sound performance. It features a unique one-piece Carbon-Aluminium tonearm and a pre-adjusted Sumiko Rainier cartridge, ensuring a high-end listening experience.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Debut PRO turntable to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Before beginning setup, please ensure all items listed below are present in your package:

- Pro-Ject Debut PRO Turntable Unit
- Power Supply
- Dustcover
- 78 rpm Round Belt
- 7" Singles Adapter
- Sumiko Rainier Cartridge (pre-installed)
- Counterweight
- Anti-skate weight
- RCA Phono Cable
- User Manual

3. SETUP GUIDE

3.1 Unpacking

Carefully remove all components from the packaging. Retain the original packaging for future transport or storage.

3.2 Placement

Place the turntable on a stable, level surface, away from direct sunlight, heat sources, and excessive vibrations. The Debut PRO features adjustable feet to assist in leveling the unit, which is crucial for proper playback and sound quality.



Image: The Pro-Ject Debut PRO turntable with its dust cover open, showcasing its sleek black design and components.

3.3 Platter and Belt Installation

Gently place the main platter onto the sub-platter spindle. Locate the drive belt and carefully stretch it around the sub-platter and the motor pulley. Ensure the belt is seated correctly and not twisted.

3.4 Tonearm and Cartridge Setup

The Sumiko Rainier moving magnet cartridge is pre-installed and aligned at the factory. For optimal performance, ensure the tonearm's counterweight is adjusted to achieve the recommended tracking force for the cartridge (refer to cartridge specifications for exact values). Attach the anti-skate weight to the designated anti-skate mechanism.

The Debut PRO tonearm allows for precise VTA (Vertical Tracking Angle) and Azimuth adjustments, enabling advanced users to fine-tune the cartridge's position for superior sound reproduction. Consult the detailed instructions provided with the turntable for these advanced adjustments.



Image: A top-down view highlighting the Carbon-Aluminium tonearm, counterweight, and platter of the Pro-Ject Debut PRO.

3.5 Connectivity

Connect the supplied RCA phono cable from the turntable's output jacks to the phono input of your amplifier or external phono preamplifier. Ensure the ground wire is securely connected between the turntable and your amplifier/phono stage to minimize hum.

4. OPERATING YOUR TURNTABLE

4.1 Powering On/Off

Connect the power supply to the turntable and a suitable wall outlet. The turntable is powered on by selecting a speed via the electronic speed switch.

4.2 Speed Selection

The Debut PRO features an electronic speed switch for convenient selection between 33, 45, and 78 RPM. Use the switch located on the turntable's plinth to select the appropriate speed for your record.

4.3 Playing a Record

1. Place a record onto the platter, ensuring it is centered.
2. Lift the tonearm using the cueing lever.
3. Carefully position the tonearm over the desired starting groove of the record.
4. Gently lower the cueing lever to allow the stylus to descend onto the record.

4.4 Stopping Playback

1. Lift the tonearm using the cueing lever.
2. Return the tonearm to its rest position.

3. Lower the cueing lever.
4. Remove the record from the platter.



Image: A side profile of the Pro-Ject Debut PRO turntable, illustrating the tonearm's position and the overall compact design.

5. MAINTENANCE

5.1 Cleaning the Turntable

Regularly wipe the dust cover and plinth with a soft, dry, anti-static cloth. Avoid using abrasive cleaners or solvents. For the platter, use a damp cloth and mild detergent if necessary, ensuring it is completely dry before use.

5.2 Stylus Care

Clean the stylus regularly using a soft brush designed for stylus cleaning, brushing gently from back to front. A dirty stylus can degrade sound quality and damage your records. Replace the stylus when signs of wear become apparent, typically after 500-1000 hours of playback, depending on usage and record condition.

5.3 Belt Replacement

The drive belt may stretch or degrade over time, affecting speed stability. If you notice inconsistent speed or the belt

appears loose, it may be time for a replacement. Refer to the setup guide for instructions on how to replace the belt.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Pro-Ject Debut PRO turntable. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
No sound from one or both channels	Incorrect cable connection; Amplifier input not selected; Damaged stylus/cartridge.	Check all RCA and ground connections; Ensure correct input is selected on amplifier; Inspect stylus for damage.
Distorted or unclear sound	Incorrect tracking force; Incorrect anti-skate setting; Dirty stylus; Worn stylus; Dirty record.	Adjust tracking force and anti-skate; Clean stylus; Replace stylus if worn; Clean record.
Turntable speed is incorrect	Incorrect speed selected; Drive belt slipped or worn; Motor issue.	Verify speed switch setting; Re-seat or replace drive belt; Contact support if motor issue is suspected.
Humming noise	Ground wire not connected; Interference from other electronics; Faulty cable.	Ensure ground wire is securely connected; Move turntable away from other electronics; Try a different RCA cable.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Debut PRO Sumiko Rainier Satin Black
Item Model Number	9120097829047
Product Dimensions (L x W x H)	16.63 x 12.63 x 4.5 inches (42.24 x 32.08 x 11.43 cm)
Item Weight	13.2 pounds (6 Kilograms)
Tonearm	8.6" One-Piece Carbon-Aluminium Hybrid Tonearm
Cartridge	Sumiko Rainier (Moving Magnet, pre-adjusted)
Speed Control	33/45/78 RPM Electronic Speed Switch
Connectivity Technology	RCA
Material	Aluminum, Carbon Fiber
Special Features	Nickel Finish of Aluminum Components, VTA & Azimuth fully adjustable
Included Components	Power Supply, Dustcover, 78 rpm round belt, 7" singles adapter

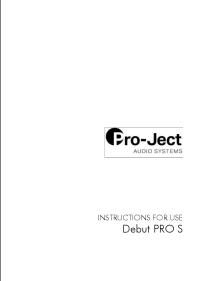
8. WARRANTY AND SUPPORT

Pro-Ject Audio Systems products are manufactured to the highest quality standards. For information regarding warranty coverage and terms, please refer to the warranty card included with your product or visit the official Pro-Ject Audio Systems website.

For technical support, service, or inquiries, please contact your authorized Pro-Ject dealer or visit the Pro-Ject Audio Systems support page online. Please have your model number and purchase information ready when seeking support.

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Related Documents - Debut PRO Sumiko Rainier Satin Black (Model 9120097829047)

	<p>Pro-Ject Debut Carbon EVO Turntable Setup Guide</p> <p>A comprehensive setup guide for the Pro-Ject Debut Carbon EVO turntable, detailing unpacking, assembly, and connection instructions for optimal audio performance.</p>
	<p>Pro-Ject Debut Carbon EVO Turntable Setup Guide</p> <p>Step-by-step setup guide for the Pro-Ject Debut Carbon EVO turntable, covering unpacking, assembly, connection, and warranty information. Learn how to properly set up your Pro-Ject turntable for optimal performance.</p>
	<p>Pro-Ject Debut PRO S User Manual: Setup, Operation, and Maintenance</p> <p>Comprehensive user guide for the Pro-Ject Debut PRO S turntable, covering setup, cartridge adjustment, connection, maintenance, troubleshooting, and technical specifications.</p>
	<p>Pro-Ject Debut PRO S Setup Guide</p> <p>Comprehensive setup guide for the Pro-Ject Debut PRO S turntable, detailing unboxing, assembly steps, component identification, and essential setup procedures for optimal performance. Includes service and warranty information.</p>



INSTRUCTIONS FOR USE
Pro-Ject KM Signature

[Pro-Ject KM Signature Turntable: Instructions for Use and Setup Guide](#)

Comprehensive guide for setting up, operating, and maintaining the Pro-Ject KM Signature turntable, including technical specifications and troubleshooting tips.



INSTRUCTIONS FOR USE
X2

[Pro-Ject X2 Turntable: Setup Guide and User Manual](#)

Comprehensive instructions and setup guide for the Pro-Ject X2 turntable, covering assembly, connections, adjustments, technical specifications, safety, maintenance, and troubleshooting.