Pro-Ject Debut RecordMaster II (RM II Om5e)

Pro-Ject Debut RecordMaster II Turntable with USB (OM5e)
Instruction Manual

1. INTRODUCTION

The Pro-Ject Debut RecordMaster II is a high-fidelity turntable designed for an enhanced vinyl listening experience and digital conversion. This model features a pre-mounted OM5e cartridge, a built-in switchable phono preamplifier, and a USB output for direct connection to a PC or Mac. It incorporates a belt drive system with a low-noise AC motor, TPE decoupling, and a DC-driven AC generator for stable speed. Electronic speed change allows for playback at 33, 45, and 78 RPM, with a simple stylus exchange (OM78, not included) and drive belt adjustment required for 78 RPM.

This manual provides essential information for the proper setup, operation, and maintenance of your turntable to ensure optimal performance and longevity.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before use.
- Keep the turntable away from water, moisture, and direct sunlight.
- Do not place the turntable near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the turntable during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- Ensure proper ventilation around the unit.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Pro-Ject Debut RecordMaster II Turntable with pre-mounted OM5e cartridge
- Connect it RCA Cable

- Dustcover
- Adapter for 7-inch singles
- Power supply

4. SETUP GUIDE

Follow these steps to set up your Pro-Ject Debut RecordMaster II turntable:

4.1 Unpacking and Placement

Carefully remove all components from the packaging. Place the turntable on a stable, level surface away from vibrations and direct heat sources. Ensure adequate space for the dustcover to open fully.

Figure 1: Top-down view of the Pro-Ject Debut RecordMaster II Turntable.

4.2 Platter and Belt Installation

1. Place the platter onto the spindle.
2. Carefully loop the drive belt around the motor pulley and the inner rim of the platter.

4.3 Tonearm Balance and Tracking Force

The turntable comes with a pre-mounted OM5e cartridge. Refer to the cartridge manufacturer's instructions for precise tracking force and anti-skating settings. Generally, balance the tonearm until it floats freely, then set the tracking force using the counterweight.

Figure 2: Close-up of the tonearm, showing the Pro-Ject branding.

4.4 Connecting to an Audio System

The Debut RecordMaster II features a built-in switchable phono preamplifier and USB output. You can connect it to a line-level input on your hi-fi system or directly to a PC/Mac via USB.

- **RCA Connection:** Use the supplied RCA cable to connect the turntable's output to an available line-level input (e.g., AUX, CD) on your amplifier or receiver. Ensure the phono preamplifier switch on the turntable is set to 'Line Out' if connecting to a line-level input, or 'Phono Out' if connecting to an amplifier with a dedicated phono input.
- **USB Connection:** Connect the turntable to your computer using a USB cable (not included). This allows for digital recording of your vinyl.

Figure 3: Turntable integrated into a home audio setup with speakers.

Figure 4: Turntable connected to a laptop, demonstrating USB recording capability.

4.5 Dustcover Installation

Attach the dustcover hinges to the designated slots on the rear of the turntable. The dustcover protects the turntable from dust and debris when not in use.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Locate the power switch, typically on the underside or rear of the plinth. Turn the switch to the 'On' position to power the turntable. Turn it 'Off' when not in use.

Figure 5: Detail of the power switch for the turntable.

5.2 Speed Selection

The turntable supports 33, 45, and 78 RPM playback. Use the electronic speed change function to select the appropriate speed for your record. For 78 RPM records, a specific OM78 stylus (not included) and a drive belt turnover to a larger diameter of the pulley are required.

5.3 Playing a Record

1. Place a record on the platter.
2. Ensure the correct playback speed is selected.
3. Raise the tonearm using the tonearm lift lever.
4. Gently move the tonearm over the desired starting groove of the record.
5. Slowly lower the tonearm using the lift lever. The stylus will descend onto the record and playback will begin.

5.4 Stopping Playback

1. Raise the tonearm using the tonearm lift lever.
2. Move the tonearm back to its rest position.
3. Lower the tonearm onto its rest using the lift lever.

4. Turn off the turntable.

5.5 USB Recording

To record vinyl to your PC/Mac, connect the turntable via USB. Use appropriate audio recording software (not included) on your computer to capture the audio signal. Ensure the turntable's phono preamplifier is set to 'Line Out' for USB recording.

6. MAINTENANCE

6.1 Cleaning the Stylus

Regularly clean the stylus using a soft brush or a dedicated stylus cleaning fluid. Brush gently from back to front to remove dust and debris.

6.2 Cleaning Records

Use a carbon fiber brush or a record cleaning solution to keep your vinyl records free of dust and static. Clean records before each play to minimize wear on the stylus and improve sound quality.

6.3 Dustcover Care

Clean the dustcover with a soft, damp cloth. Avoid abrasive cleaners that may scratch the surface.

7. TROUBLESHOOTING

If you encounter issues with your turntable, consult the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or very low volume	Incorrect input selection on amplifier; Phono preamp switch incorrect; Loose cables.	Select correct input; Adjust phono preamp switch; Check all cable connections.
Distorted sound	Dirty stylus; Incorrect tracking force or anti-skating; Damaged stylus.	Clean stylus; Re-adjust tracking force/anti-skating; Replace stylus if damaged.
Incorrect playback speed	Wrong speed selected; Drive belt issue.	Select correct speed (33/45/78 RPM); Check drive belt for proper placement or wear.
Humming noise	Ground wire not connected; Interference from other electronics.	Ensure ground wire is securely connected; Move turntable away from other electronic devices.

8. SPECIFICATIONS
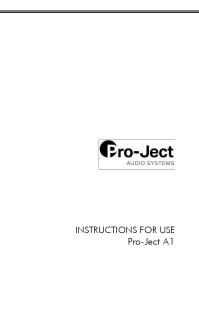
Feature	Detail
Brand	Pro-Ject

Feature	Detail
Model Name	Recordmaster II
Item Model Number	RM II Om5e
Motor Type	AC Motor
Maximum Rotational Speed	78 RPM
Special Features	USB Output, Built-in Phono Preamplifier, Electronic Speed Change
Compatible Devices	Personal Computer
Connector Type	USB
Material	Plastic
Product Dimensions	32 x 41.5 x 11.8 cm; 7.7 kg
Power Source Type	Corded Electric
Batteries Included	No
Batteries Required	No

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your product or visit the official Pro-Ject Audio Systems website. For technical support or service inquiries, please contact Pro-Ject customer service through their official channels.

Related Documents - Debut RecordMaster II (RM II Om5e)

	[Pro-Ject Debut Carbon EVO Turntable Setup Guide](#) A comprehensive setup guide for the Pro-Ject Debut Carbon EVO turntable, detailing unpacking, assembly, and connection instructions for optimal audio performance.
Pro-Ject AUDIO SYSTEMS INSTRUCTIONS FOR USE Pro-Ject A1	[Pro-Ject A1 Turntable: User Manual, Setup, and Specifications](#) Comprehensive instructions for setting up, operating, and maintaining your Pro-Ject A1 turntable. Includes technical specifications, troubleshooting tips, and warranty information.

INSTRUCTIONS FOR USE Perspective Final Edition	**[Pro-Ject Perspective Final Edition Turntable: Instructions for Use and Setup Guide](#)** Comprehensive instructions for setting up, connecting, and operating the Pro-Ject Perspective Final Edition turntable. Includes technical specifications, troubleshooting, and warranty information.
	[Pro-Ject Debut PRO S Setup Guide](#) 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.
INSTRUCTIONS FOR USE Pro-Ject Xtension 9 Evolution	**[Pro-Ject Xtension 9 Evolution Turntable: User Manual and Setup Guide](#)** Comprehensive instructions for setting up, operating, and maintaining the Pro-Ject Xtension 9 Evolution turntable. Includes detailed guides on cartridge installation, tonearm adjustments, and troubleshooting.
	[Pro-Ject Debut EVO 2 Turntable: Setup Guide, Specifications, and Hum Troubleshooting](#) Comprehensive setup guide, technical specifications, and electrical hum troubleshooting for the Pro-Ject Debut EVO 2 turntable. Learn how to assemble, connect, and maintain your Hi-Fi record player.