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1byone LP03A

1byone All-in-One Record Player User Manual

MODEL: LP03A

Important Safety Instructions

Please read all instructions carefully before using this product. Keep this manual for future reference.

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the unit. Do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- Do not attempt to disassemble or modify the unit.

Introduction

The 1byone LP03A All-in-One Record Player offers a high-fidelity vinyl listening experience with integrated features for modern connectivity. This belt-drive turntable includes built-in stereo speakers, a magnetic AT-3600L cartridge, and a built-in preamplifier. It also supports wireless audio input via Bluetooth 5.4 and wired connections through an Aux-in port and RCA line output.



Figure 1: The 1byone LP03A All-in-One Record Player.

Package Contents

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

- 1byone LP03A Record Player Unit
- Dust Cover
- Platter with Drive Belt (pre-installed or separate)
- Counterweight
- Anti-skate Weight
- Power Adapter
- Instruction Manual

Product Overview

Familiarize yourself with the components and controls of your record player.

Front and Top View



Figure 2: Front and Top View of the Record Player.

1. **Platter:** Supports the vinyl record.
2. **Tonearm:** Holds the cartridge and stylus.
3. **Cartridge (AT-3600L):** Reads the grooves of the record.
4. **Counterweight:** Balances the tonearm and adjusts tracking force.
5. **Anti-skate Weight:** Prevents the tonearm from drifting inward.
6. **Speed Selector:** Switches between 33 1/3 and 45 RPM.
7. **Volume/Mode Knob:** Controls volume and selects input mode (Phono, Bluetooth, Aux).

8. **Built-in Speakers:** Integrated audio output.
9. **Dust Cover:** Protects the platter and tonearm from dust.

Rear Panel Connections



Figure 3: Rear Panel Connections.

1. **Phono/Line-Out Switch:** Selects between Phono (unpreamplified) and Line (preamplified) output for RCA jacks.
2. **RCA Jacks (R-RCA-L):** For connecting to an external amplifier or powered speakers.
3. **AUX IN Jack:** For connecting external audio devices via a 3.5mm cable.
4. **Ground Terminal:** For connecting a ground wire to an external amplifier to reduce hum.
5. **Pitch Adjust:** Fine-tunes playback speed.
6. **DC IN 12V:** Power input for the included adapter.

Volume/Mode Knob



Figure 4: Volume and Mode Knobs.

Setup

Follow these steps to set up your record player for the first time.

1. Platter and Belt Installation



Figure 5: Platter Spindle and Motor Pulley.

- Carefully place the platter onto the center spindle.
- Locate the drive belt (usually pre-installed under the platter or in the packaging).
- If not pre-installed, gently stretch the drive belt around the motor pulley and the inner rim of the platter. Ensure the belt is flat and not twisted.

2. Cartridge and Stylus

The 1byone LP03A comes with a pre-installed Audio-Technica AT-3600L magnetic cartridge. Ensure the stylus guard is removed before playback.

High-Quality AT-3600L Cartridge



Figure 6: Audio-Technica AT-3600L Cartridge.

3. Tonearm Balance and Tracking Force Adjustment

Properly balancing the tonearm and setting the tracking force is crucial for optimal sound quality and to prevent damage to your records and stylus.



Figure 7: Adjustable Counterweight.

1. Zero Balance the Tonearm:

- Place the record player on a level surface.
- Remove the stylus protector.
- Lower the tonearm lift lever.
- Gently release the tonearm clamp.
- Rotate the counterweight at the rear of the tonearm until the tonearm is perfectly balanced horizontally, floating freely.

2. Set Tracking Force:

- Once balanced, hold the counterweight steady with one hand and rotate only the numbered ring on the front of the counterweight until '0' aligns with the center line on the tonearm.
- Rotate the entire counterweight (including the numbered ring) counter-clockwise until the desired tracking force is reached. For the AT-3600L cartridge, the recommended tracking force is typically 3.5 grams.

4. Anti-skate Adjustment

The anti-skate mechanism prevents the tonearm from being pulled towards the center of the record. Attach the anti-skate weight's loop to the second groove of the anti-skate post for the recommended setting.

5. Dust Cover Installation

Insert the hinges of the dust cover into the corresponding slots on the rear of the record player.

6. Power Connection

Connect the power adapter to the DC IN 12V port on the rear panel of the record player, then plug it into a wall outlet.

Operation

Playing a Vinyl Record

1. Place a record on the platter.
2. Select the appropriate speed (33 1/3 or 45 RPM) using the speed selector switch.
3. Ensure the stylus guard is removed.
4. Lift the tonearm using the tonearm lift lever.
5. Manually position the tonearm over the desired track of the record.
6. Gently lower the tonearm using the lift lever. The stylus will make contact with the record and playback will begin.
7. Adjust the volume using the Volume/Mode knob.
8. To stop playback, lift the tonearm, return it to the tonearm rest, and secure it with the clamp.

Bluetooth Input

The record player can receive audio wirelessly from Bluetooth-enabled devices.

Wireless Input

Wirelessly connect your Mobile/Ipad/Laptop



Figure 8: Wireless Bluetooth Input.

1. Turn on the record player.
2. Rotate the Volume/Mode knob to select Bluetooth mode (indicated by a blue LED).
3. Enable Bluetooth on your smartphone, tablet, or computer and search for "1byone LP03A".
4. Select the device to pair. Once connected, you can stream audio to the record player's built-in speakers.

Aux-in Connection

Connect external audio sources using a 3.5mm audio cable to the AUX IN jack on the rear panel.

1. Connect one end of a 3.5mm audio cable to your external device (e.g., MP3 player).
2. Connect the other end to the AUX IN jack on the record player.
3. Rotate the Volume/Mode knob to select Aux-in mode.
4. Adjust volume from both the record player and the external device.

RCA Line Out Connection

Use the RCA Line Out to connect the record player to an external amplifier or powered speakers.

1. Determine if your external amplifier has a dedicated PHONO input.
2. If your amplifier has a PHONO input, set the Phono/Line-Out switch on the record player's rear panel to **PHONO**. Connect the RCA cables from the record player to the PHONO input of your amplifier. Connect a ground wire from the record player's ground terminal to your amplifier's ground terminal if available.
3. If your amplifier does **NOT** have a PHONO input, set the Phono/Line-Out switch on the record player's rear panel to **LINE**. Connect the RCA cables from the record player to any standard LINE input (e.g., AUX, CD, TAPE) on your amplifier.
4. Adjust the volume on your external amplifier. The record player's internal volume control will not affect the RCA output.

Pitch Adjustment

The Pitch Adjust knob on the rear panel allows for fine-tuning the playback speed. Rotate it slightly to increase or decrease the speed as needed.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your record player.

Cleaning the Stylus

- Always clean the stylus from back to front using a soft brush designed for stylus cleaning.
- Do not use excessive force or clean from side to side, as this can damage the stylus.
- Replace the stylus when signs of wear are visible (e.g., distorted sound, skipping).

Cleaning the Turntable

- Wipe the unit with a soft, dry cloth.
- Do not use harsh chemicals, cleaning solvents, or abrasive cleaners.
- Keep the platter and tonearm free of dust and debris.

Dust Cover Care

Clean the dust cover with a soft, lint-free cloth. Avoid using abrasive materials that could scratch the surface.

Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No power	Power adapter not connected; outlet not working.	Ensure power adapter is securely connected and plugged into a working outlet.
No sound from speakers	Volume too low; incorrect input mode selected; stylus guard still on.	Increase volume; select correct input mode (Phono for records); remove stylus guard.
Distorted sound or skipping	Stylus dirty or worn; tracking force incorrect; record dirty or damaged; turntable not level.	Clean or replace stylus; re-adjust tracking force; clean record; ensure turntable is on a level surface.
Humming noise	Ground wire not connected (if using external preamp); interference.	Connect ground wire to external amplifier; move unit away from other electronic devices.

Problem	Possible Cause	Solution
Bluetooth not connecting	Record player not in Bluetooth mode; device too far; device already connected to another unit.	Ensure record player is in Bluetooth mode; move device closer; disconnect from other devices.

Specifications

Technical specifications for the 1byone LP03A Record Player.

- **Model:** LP03A
- **Drive Type:** Belt Drive
- **Speeds:** 33 1/3, 45 RPM
- **Cartridge:** Audio-Technica AT-3600L (Magnetic)
- **Built-in Preamplifier:** Yes
- **Speakers:** Built-in Stereo Speakers
- **Wireless Connectivity:** Bluetooth 5.4
- **Inputs:** Aux-in (3.5mm)
- **Outputs:** RCA Line Out (Switchable Phono/Line)
- **Power Supply:** DC 12V
- **Dimensions (approx.):** 17.32 x 14.09 x 7.4 inches (L x W x H)
- **Weight (approx.):** 17.16 pounds



Figure 9: Product Dimensions.

Warranty and Support

Your 1byone LP03A Record Player is covered by a comprehensive warranty and return policy.

- **Warranty:** 36 Months
- **Return Policy:** 90 Days
- **Customer Support:** For assistance, please contact us at ushelp@1byonebros.com.

