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RetroAudio JM-304

RetroAudio JM-304 Vinyl Record Player User Manual

Model: JM-304

Introduction

Thank you for purchasing the RetroAudio JM-304 Vinyl Record Player. This turntable combines classic vinyl playback with modern features like Bluetooth 5.4 connectivity and built-in speakers, designed to deliver a rich audio experience. Please read this manual carefully before use to ensure proper setup and operation.

For optimal performance and longevity, follow all instructions and safety guidelines provided.

What's in the Box

- Record Player
- AC Adapter
- Instruction Manual
- 45 RPM Adapter (typically included for 7-inch records)

Product Features

- **Adjustable Ambient Light Bar:** 3-level adjustable front light bar for customizable ambiance.
- **Advanced Sound Quality:** Equipped with two 2.5-inch 10W full-range speakers and two bass diaphragms for clear vocals, mid-to-high frequencies, and deep bass.
- **AT-3600L Magnetic Cartridge:** Accurately tracks record grooves for high-definition audio with minimal noise and distortion.

- **All-in-One Turntable:** Built-in Hi-Fi stereo speakers, Bluetooth input for streaming, and RCA output for external speakers.
- **Upgraded Bluetooth V5.4:** Ensures stable connections, enhanced interference resistance, lower latency, and superior sound quality.
- **2-Speed Belt-Drive Turntable:** Plays 7", 10", and 12" vinyl records at 33 1/3 and 45 RPM. Includes a 45 RPM adapter.



The RetroAudio JM-304 Vinyl Record Player, showcasing its adjustable ambient light bar and elegant design.

Setup

1. ### Unpacking and Placement

   Carefully remove the record player and all accessories from the packaging. Place the unit on a stable, level surface away from direct sunlight, heat sources, and excessive dust or vibrations. Ensure adequate ventilation around the unit.

2. ## Connecting Power

   Connect the provided AC adapter to the DC 12V input port on the back of the record player. Plug the adapter into a standard wall outlet.



Detailed view of the record player's components, including the DC 12V input and RCA output ports.

3. ## Dust Cover Installation

   Attach the transparent dust cover to the hinges at the back of the record player. The dust cover protects the platter and stylus when not in use.

4. ## Cartridge and Stylus Protection

   Remove the stylus protective cap from the AT-3600L magnetic cartridge before playing any records. Be careful not to damage the stylus.

5. ## Platter and Belt Installation

   Ensure the platter is correctly seated on the spindle and the drive belt is properly positioned around the motor pulley and the inner rim of the platter. Refer to the diagram in the quick start guide if needed.

Operating Instructions

1. Playing a Vinyl Record

1. Open the dust cover.
2. Place a vinyl record on the platter.
3. Select the appropriate speed (33 1/3 or 45 RPM) using the speed selector switch. Use the 45 RPM adapter for 7-inch singles.
4. Gently lift the tonearm using the cueing lever.
5. Position the tonearm over the desired track on the record.
6. Lower the tonearm slowly onto the record using the cueing lever. The record will begin to play.
7. Adjust the volume using the volume knob.
8. To stop playback, lift the tonearm using the cueing lever and return it to the tonearm rest.



The record player supports 33 1/3 and 45 RPM speeds for various record sizes.

2. Bluetooth Connection (Input)

1. Turn on the record player.
2. Switch the mode to Bluetooth input. The light bar will typically indicate Bluetooth pairing mode (e.g., blinking blue).
3. On your smartphone or other Bluetooth device, enable Bluetooth and search for available devices.
4. Select "RetroAudio JM-304" (or similar name) from the list to pair.
5. Once connected, the light bar will show a solid blue light. You can now stream audio from your device to the record player's built-in speakers.



The upgraded Bluetooth V5.4 chip ensures a stable and high-quality wireless connection.

Your browser does not support the video tag.

This video demonstrates the features and operation of the RetroAudio JM304 HIFI Record Player, including its Bluetooth capabilities.

3. RCA Output

To connect the record player to external speakers or an amplifier, use an RCA cable (not included). Connect one end of the RCA cable to the "RCA OUT" ports on the back of the record player (Red for Right, White for Left) and the other end to the corresponding input ports on your external audio system.



The record player offers both Bluetooth input and RCA output for versatile connectivity.

4. Adjusting Ambient Light Bar

The front light bar has 3 adjustable levels of brightness. Use the dedicated button or control (refer to the control panel diagram) to cycle through the brightness settings or turn it off.



The adjustable light bar adds a warm glow to your listening environment.

Maintenance

- ### Cleaning Records

  Always handle records by their edges. Use a soft, anti-static brush or cloth to gently wipe dust from the record surface before each play. For deeper cleaning, use a specialized record cleaning solution and cloth.

- ### Cleaning Stylus

  The stylus is delicate. Use a soft brush designed for stylus cleaning, brushing gently from back to front. Avoid touching the stylus with your fingers.

- **Dust Cover Care**

  Clean the dust cover with a soft, damp cloth. Avoid abrasive cleaners that could scratch the surface.

- **General Cleaning**

  Wipe the unit with a soft, dry cloth. Do not use harsh chemicals or solvents.

Troubleshooting

Problem	Possible Cause	Solution
No power	AC adapter not connected; Power outlet not working.	Ensure AC adapter is securely connected to the unit and a working power outlet.
No sound from speakers	Volume too low; Incorrect mode selected; Stylus not properly seated.	Increase volume. Ensure correct mode (Phono for records, Bluetooth for streaming). Check if stylus is correctly installed and protective cap removed.
Record skipping	Dirty record; Damaged record; Stylus worn or dirty; Unit not level.	Clean the record. Inspect the record for damage. Clean the stylus. Ensure the record player is on a stable, level surface.
Bluetooth not connecting	Record player not in pairing mode; Device too far; Interference.	Ensure record player is in Bluetooth pairing mode. Move device closer to the unit. Avoid strong electromagnetic interference.
Sound distortion	Dirty stylus; Damaged record; Volume too high.	Clean the stylus. Check the record for damage. Reduce the volume.

Specifications

Feature	Detail
Brand	RetroAudio
Model Name	JM304 (JM-304)
Color	Walnut Brown
Motor Type	Belt Drive
Speeds	33 1/3, 45 RPM
Cartridge Type	AT-3600L Magnetic Cartridge
Connectivity	Bluetooth 5.4 Input, RCA Output
Built-in Speakers	Two 2.5-inch 10W full-range speakers, two bass diaphragms

Feature	Detail
Special Features	3-level Adjustable LED Light Bar, Dust Cover
Material	Metal (Enclosure)
Power Source	AC Adapter



Dimensions of the RetroAudio JM-304 record player, suitable for various spaces.

Warranty and Support

Warranty Information

This RetroAudio JM-304 record player comes with a **6-month warranty** from the date of purchase. This warranty covers

manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty service, or any questions regarding your RetroAudio JM-304 record player, please contact our customer support team. Refer to the contact information provided on the RetroAudio official website or your purchase documentation.

You can also visit the RetroAudio Store on Amazon for more product information and support resources.

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