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› Fluance RT84 Reference High Fidelity Vinyl Turntable Record Player User Manual

Fluance RT84

Fluance RT84 Reference High Fidelity Vinyl Turntable Record Player User Manual

Model: RT84 | Brand: Fluance

INTRODUCTION

The Fluance RT84 Reference High Fidelity Vinyl Turntable is designed to deliver a pure analog listening experience with exceptional musical accuracy. Featuring an Ortofon 2M Blue elliptical cartridge, a speed control motor, a high-mass MDF wood plinth, and vibration isolation feet, this turntable ensures a clean, detailed sound reproduction.

This manual provides essential information for setting up, operating, and maintaining your Fluance RT84 turntable to ensure optimal performance and longevity.

WHAT'S INCLUDED

Your Fluance RT84 package includes the following components:

- RT84 Turntable Unit
- Dust Cover + Hinges
- Bubble Level
- Headshell with Ortofon 2M Blue Cartridge (pre-installed)
- Counterweight
- Aluminum Platter with Rubber Mat and Belt
- 100-240V (50/60Hz) AC Power Adapter
- 3ft RCA Cable
- 2x 3ft Ground Wire
- 45 Adaptor
- Motor Pulley Cap
- Cotton Gloves
- User Manual

FLUANCE

Reference Series Turntables



RT82



RT83



RT84



RT85



RT85N

FINISH



CARTRIDGE



OM10



2MRED



2MBLUE



2MBLUE



MP-110

PLATTER TYPE



Aluminum
Rubber Mat



Aluminum
Rubber Mat



Aluminum
Rubber Mat



Acrylic



Acrylic

BUILT-IN PREAMP

No

No

No

No

No

Figure 1: All included components of the Fluance RT84 turntable.

SETUP

1. Unpacking and Placement

Carefully remove all components from the packaging. It is recommended to keep the original packaging for future transport or storage. Place the turntable on a stable, level surface away from direct sunlight, heat sources, and strong vibrations. Use the included bubble level to ensure the plinth is perfectly horizontal.



Figure 2: The turntable's adjustable isolation feet help minimize environmental vibrations.

2. Platter and Belt Installation

1. Place the rubber mat onto the aluminum platter.
2. Carefully place the platter onto the spindle of the turntable.
3. Locate the drive belt and stretch it around the motor pulley and the inner rim of the platter. Ensure the belt is not twisted.

Superior vibration control High Mass MDF Wood + Sound Isolation Feet



Figure 3: The servo motor and belt drive system for precise speed control.

3. Cartridge and Tonearm Setup

The Ortofon 2M Blue cartridge comes pre-installed on the headshell. Follow these steps to balance the tonearm and set tracking force:

1. Remove the stylus guard from the cartridge.
2. Gently lower the tonearm lift lever.
3. Rotate the counterweight onto the rear of the tonearm until the tonearm floats freely and is perfectly balanced horizontally.
4. Once balanced, hold the counterweight steady and rotate the tracking force ring to '0'.
5. Rotate the entire counterweight counter-clockwise until the desired tracking force (typically 1.8g for Ortofon 2M Blue) is set on the ring.
6. Set the anti-skating dial to the same value as the tracking force.

Detailed high resolution sound with the Ortofon 2M Blue Cartridge



Figure 4: The Ortofon 2M Blue cartridge provides detailed high-resolution sound.

4. Connecting to an Audio System

The RT84 requires an external phono preamplifier (not included) to connect to your audio system. Connect the RCA cables from the turntable to the phono input of your preamplifier, and then from the preamplifier to an available line-level input on your receiver or amplifier. Connect the ground wire from the turntable to the ground terminal on your preamplifier/receiver to minimize hum.

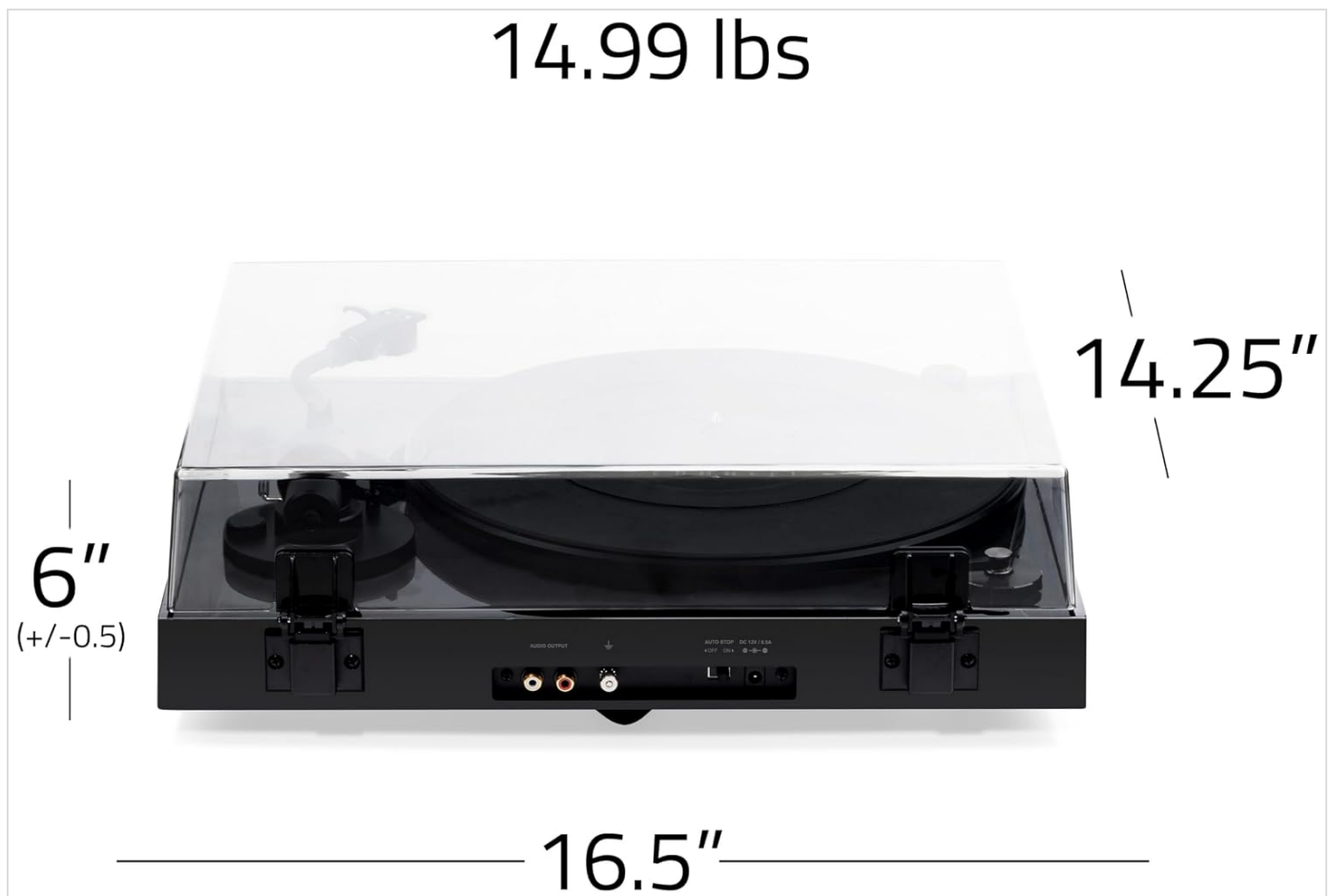


Figure 5: Rear connections of the RT84 turntable.

OPERATING INSTRUCTIONS

Playing a Record

1. Place a record on the platter. If playing a 45 RPM single, use the included 45 adaptor.
2. Select the appropriate speed (33 or 45 RPM) using the speed selector knob on the plinth.
3. Raise the tonearm using the cueing lever.
4. Carefully position the stylus over the desired starting groove of the record.
5. Gently lower the cueing lever to allow the stylus to descend onto the record.
6. At the end of the record, raise the tonearm using the cueing lever and return it to the tonearm rest.
7. Turn the speed selector knob to "OFF" to stop the platter.



Figure 6: The Fluance RT84 in operation.

Official Product Videos

Fluance Reference High Fidelity Vinyl Turntable Record Players

Your browser does not support the video tag.

This video provides an overview of the Fluance Reference Series turntables, highlighting their features and performance.

Meet The Reference Series: RT82, RT83, RT84, RT85 and RT85N

Your browser does not support the video tag.

This video introduces the different models within the Fluance Reference Series, including the RT84, showcasing their unique characteristics.

MAINTENANCE

Dust Cover Care

Regularly wipe the dust cover with a soft, lint-free cloth to prevent dust buildup. For stubborn marks, use a mild, non-abrasive cleaner specifically designed for plastics. Avoid using harsh chemicals or abrasive materials that could scratch

the surface.

Stylus Cleaning

A clean stylus is crucial for optimal sound quality and to prevent damage to your records. Use a soft brush designed for stylus cleaning, brushing gently from back to front (away from the cantilever). Clean the stylus regularly, especially after playing several records.

Platter and Plinth Cleaning

Wipe the aluminum platter and the MDF wood plinth with a soft, dry cloth. For the wood plinth, avoid excessive moisture. For deeper cleaning, consult specialized wood furniture cleaners, testing on an inconspicuous area first.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound or Low Volume	Incorrect connections, no phono preamp, damaged stylus.	Check all RCA and ground wire connections. Ensure a phono preamplifier is used. Inspect stylus for damage and replace if necessary.
Humming Noise	Ground wire not connected, interference.	Ensure ground wire is securely connected to both turntable and amplifier/preamp. Move turntable away from other electronic devices.
Skipping or Distortion	Incorrect tracking force/anti-skating, dirty stylus/record, uneven surface.	Re-balance tonearm and adjust tracking force/anti-skating. Clean stylus and record. Ensure turntable is on a level surface.
Incorrect Playback Speed	Wrong speed selected, belt issue.	Verify correct speed (33/45 RPM) is selected. Check if the drive belt is properly seated and not stretched or damaged.

SPECIFICATIONS

Feature	Detail
Product Dimensions	13.75 x 16.5 x 5.5 inches
Item Weight	14.99 pounds
Manufacturer	Fluance
ASIN	B07KGJX86K
Country of Origin	Taiwan
Item Model Number	RT84T
Connectivity Technology	Wired
Material	MDF Wood
Color	Piano Black

Feature	Detail
Model Name	RT84
Compatible Devices	Phono Preamplifier

What's Included



Figure 7: Physical dimensions and weight of the Fluance RT84 turntable.

WARRANTY AND SUPPORT

The Fluance RT84 turntable comes with a 2-Year Manufacturer's Direct Warranty, ensuring peace of mind regarding your investment. Fluance also provides Lifetime Customer Support for any assistance you may need with your product.

For additional support, you can refer to the official PDF documents:

- [Installation Manual \(PDF\)](#)
- [User Guide \(PDF\)](#)

For direct assistance, please contact Fluance customer support through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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