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Fluance RT80

Fluance RT80 Classic High Fidelity Vinyl Turntable

User Instruction Manual

Introduction

Welcome to the user manual for your new Fluance RT80 Classic High Fidelity Vinyl Turntable. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your turntable to ensure optimal performance and longevity. Please read this manual thoroughly before using your turntable.

What's Included

Your Fluance RT80 turntable package includes the following components:

- RT80 Turntable Plinth
- Dust Cover
- 2x Dust Cover Hinges
- Headshell with Audio Technica AT91 Cartridge
- Counterweight
- Aluminum Platter
- Rubber Belt
- 45 Adapter
- Felt Slip Mat
- 3ft RCA Cable With Ground Wire
- 5ft 100V - 240V (50/60Hz) AC Power Adapter
- Quick Start Guide

What's Included

Image: All components included in the Fluance RT80 turntable package, laid out for easy identification.

Important Safety Information

Please read and follow all safety instructions carefully to prevent damage to the unit and ensure your safety.

- Do not expose the unit to rain or moisture.
- Do not place objects filled with liquids, such as vases, on the unit.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel.

Setup Guide

Follow these steps to properly set up your Fluance RT80 turntable.

1. Unpacking and Placement

Carefully remove all components from the packaging. Place the turntable on a stable, level surface away from direct sunlight, heat sources, and excessive vibration.

Image: The Fluance RT80 turntable in its assembled state, ready for use.

2. Platter and Belt Installation

1. Place the aluminum platter onto the center spindle.
2. Locate the rubber drive belt. Carefully stretch the belt around the inner rim of the platter and hook it onto the motor pulley. Ensure the belt is not twisted.
3. Place the felt slip mat on top of the platter.

3. Counterweight and Tonearm Balance

The Audio Technica AT91 cartridge is pre-installed on the headshell. You will need to balance the tonearm.

1. Gently slide the counterweight onto the rear of the tonearm with the numbers facing forward.
2. Remove the stylus protector from the cartridge.
3. While holding the tonearm lift, carefully release the tonearm clamp.
4. Adjust the counterweight by rotating it until the tonearm is perfectly balanced and floats horizontally.
5. Once balanced, hold the counterweight steady and rotate the numbered ring to '0' (zero).
6. Rotate the entire counterweight counter-clockwise to the recommended tracking force of 2.0 grams (2 on the scale).

Image: A detailed view of the Audio Technica AT91 cartridge, highlighting its position on the tonearm.

4. Anti-Skate Adjustment

Set the anti-skate dial to the same value as your tracking force, which is 2.0 for the AT91 cartridge.

5. Dust Cover Installation

Insert the two dust cover hinges into the slots at the rear of the turntable plinth, then attach the dust cover to the hinges.

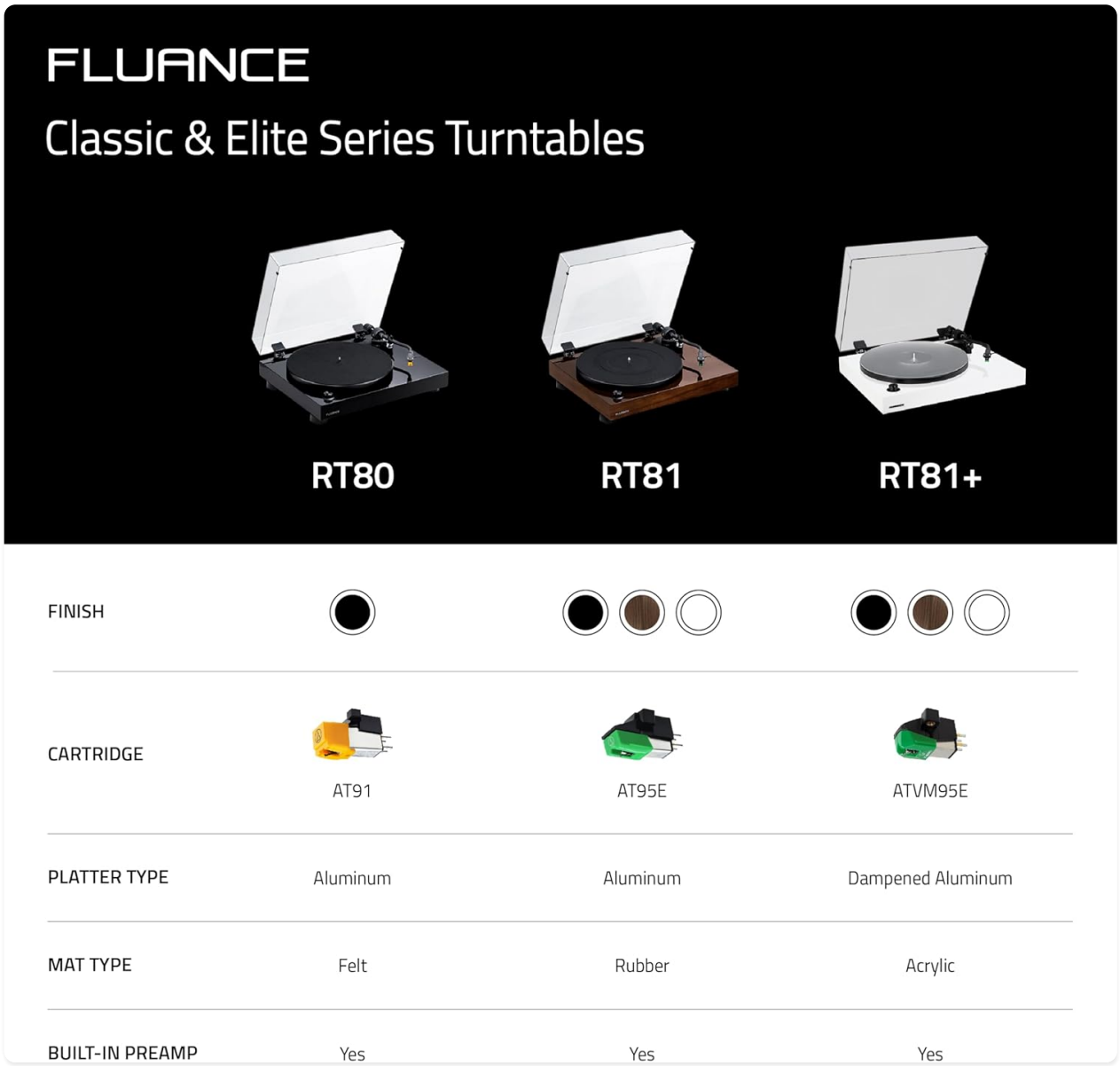

Image: The Fluance RT80 turntable with its protective dust cover in the open position.

6. Connections

Connect the RCA cables from the turntable to your amplifier or powered speakers. Ensure the ground wire is connected to the ground terminal on your amplifier if available.
Connect the power adapter to the DC 12V input on the turntable and then plug it into a wall outlet.

Image: The rear connection panel of the turntable, illustrating the RCA outputs, ground terminal, and power input.

Image: The back of the turntable, displaying the various connection ports and switches.

7. Preamp Switch

The RT80 has a built-in Texas Instruments preamp. Use the switch on the rear panel to select between PHONO (BYPASS) if connecting to an amplifier with a dedicated phono input, or LINE if connecting to a

standard auxiliary input on an amplifier or powered speakers.

Operating Instructions

Playing a Record

1. Place a record on the felt slip mat.
2. Select the appropriate speed (33 1/3 RPM or 45 RPM) using the speed selector knob. Use the 45 adapter for 7-inch singles if needed.
3. Lift the tonearm using the cueing lever.
4. Position the tonearm 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, the auto-stop feature will engage, and the platter will stop spinning.
7. Lift the tonearm using the cueing lever and return it to the tonearm rest. Secure it with the tonearm clamp.

Auto-Stop Function

The RT80 features an auto-stop function that automatically stops the platter rotation when the tonearm reaches the end of a record. This helps prevent unnecessary wear on the stylus and record. The auto-stop function can be toggled ON/OFF via a switch on the rear panel.

Record Care

- Always handle records by their edges to avoid transferring oils from your skin.
- Store records vertically in their sleeves to prevent warping.
- Clean records regularly with a carbon fiber brush or a record cleaning solution to remove dust and static.

Maintenance

Cleaning the Turntable

- Wipe the dust cover and plinth with a soft, dry, lint-free cloth.
- Do not use harsh chemicals or abrasive cleaners.
- For the platter and tonearm, use a slightly damp cloth if necessary, then dry immediately.

Stylus Care

- Clean the stylus regularly using a soft brush designed for stylus cleaning, brushing from back to front.
- A dirty stylus can damage your records and degrade sound quality.
- Replace the stylus after approximately 300-500 hours of playback, or if you notice a decrease in sound quality or increased distortion.

Belt Replacement

The rubber drive belt may stretch or degrade over time. If you notice inconsistent speed or a decrease in playback quality, the belt may need to be replaced. Contact Fluance support for replacement belts.

Troubleshooting

Problem	Possible Cause	Solution
No sound or very low sound.	• Incorrect preamp switch setting. • RCA cables not connected properly. • Amplifier/speakers not powered on or volume too low. • Stylus protector still on.	• Ensure preamp switch is set to LINE for standard inputs or PHONO (BYPASS) for phono inputs. • Check all RCA connections. • Verify amplifier/speakers are on and volume is up. • Remove stylus protector.
Distorted sound or skipping.	• Incorrect tracking force or anti-skate. • Dirty stylus or record. • Damaged stylus. • Turntable not level.	• Re-balance tonearm and set tracking force to 2.0g. Adjust anti-skate to 2. • Clean stylus and record. • Inspect stylus for damage; replace if necessary. • Ensure turntable is on a level surface.
Platter not spinning or spinning too slowly/quickly.	• Power adapter not connected. • Drive belt dislodged or worn. • Auto-stop engaged prematurely.	• Check power connection. • Re-seat or replace the drive belt. • Try toggling the auto-stop switch OFF and ON.
Humming noise.	• Ground wire not connected. • Interference from other electronics.	• Ensure the ground wire is securely connected to your amplifier's ground terminal. • Move turntable away from other electronic devices.

Specifications

Feature	Detail
Model Name	RT80

Feature	Detail
Brand	Fluance
Product Dimensions	13.75 x 16.5 x 5.5 inches
Item Weight	9.9 pounds
Material	MDF Wood
Color	Piano Black
Cartridge	Audio Technica AT91
Drive Type	Belt Drive
Built-in Preamp	Yes (Texas Instruments)
Speeds	33 1/3, 45 RPM
Connectivity Technology	Wired (RCA)
Country of Origin	Taiwan

Warranty and Support

Your Fluance RT80 turntable comes with a**2 Year Manufacturer's Warranty**, ensuring peace of mind regarding your purchase. Fluance also offers **Lifetime Customer Support**.
For technical assistance, warranty claims, or general inquiries, please visit the official Fluance website or contact their customer support directly. You can also refer to the User Guide (PDF) or Installation Manual (PDF) provided by Fluance for additional information.

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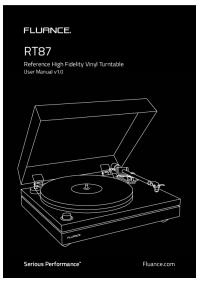
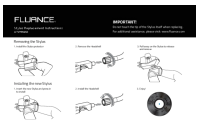
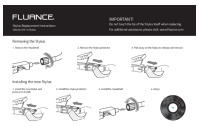
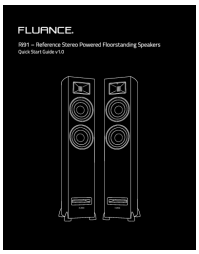
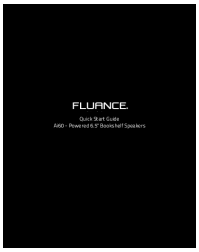
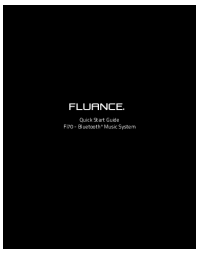
	[Fluance RT87 User Manual: Setup, Operation, and Maintenance Guide] Comprehensive user manual for the Fluance RT87 Reference High Fidelity Vinyl Turntable. Includes setup, operation, maintenance, troubleshooting, and warranty details for optimal audio performance.
	[Fluance ATVMN95E Stylus Replacement Instructions - Turntable Cartridge Guide] Step-by-step instructions for replacing the Fluance ATVMN95E turntable stylus. Learn how to safely remove and install your new stylus for optimal audio performance.
	[Fluance Stylus Replacement Instructions: Ortofon OM 10 Stylus] Step-by-step guide for replacing the Ortofon OM 10 stylus on Fluance turntables, including removal and installation procedures.
	[Fluance Ri91 Reference Stereo Powered Floorstanding Speakers Quick Start Guide] Quick start guide for the Fluance Ri91 Reference Stereo Powered Floorstanding Speakers, covering setup, connections, features, and troubleshooting.
	[Fluance Ai60 Powered Bookshelf Speakers Quick Start Guide] A quick start guide for the Fluance Ai60 powered bookshelf speakers, covering setup, connections, features, and warranty information.
	[Fluance Fi70 Bluetooth Music System: Quick Start Guide] Get started quickly with your Fluance Fi70 Bluetooth Music System. This guide covers setup, connections, controls, and basic troubleshooting for your Fi70 audio system.

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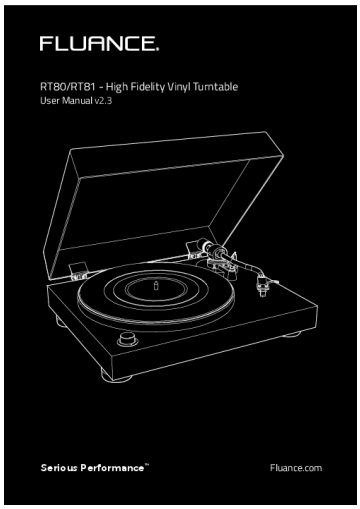

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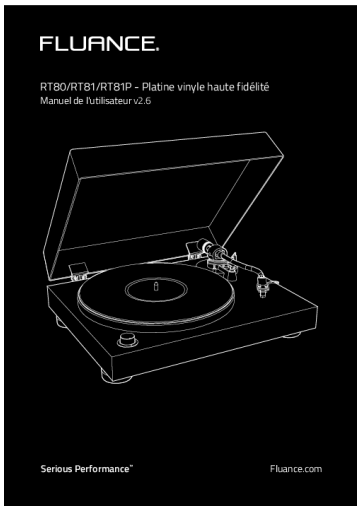

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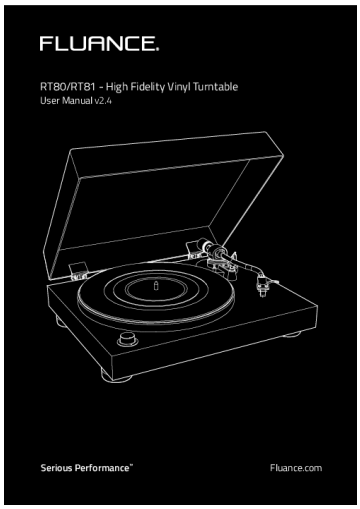

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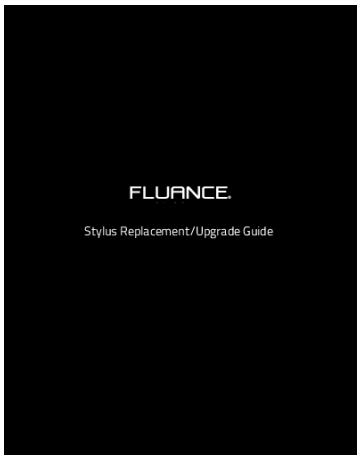

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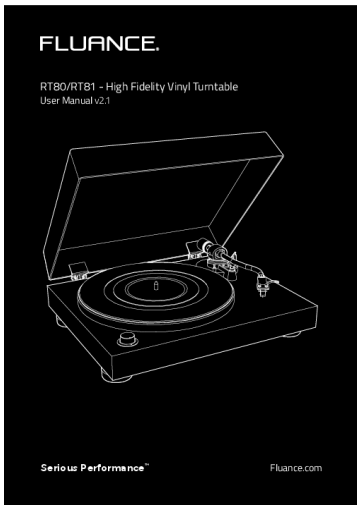

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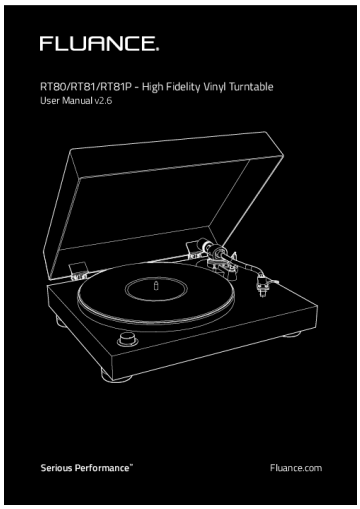

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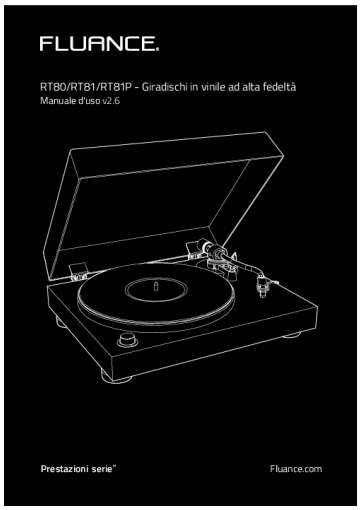

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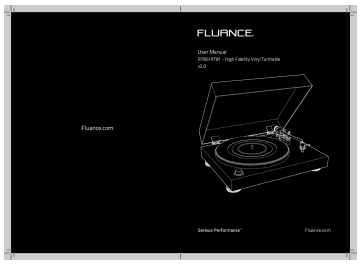

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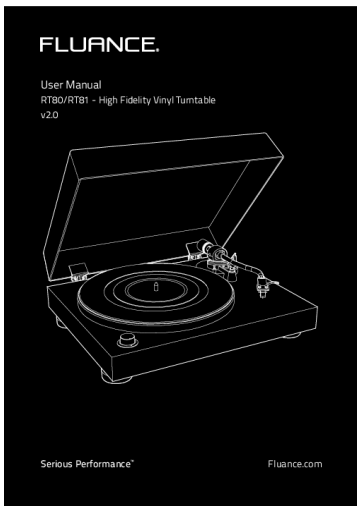

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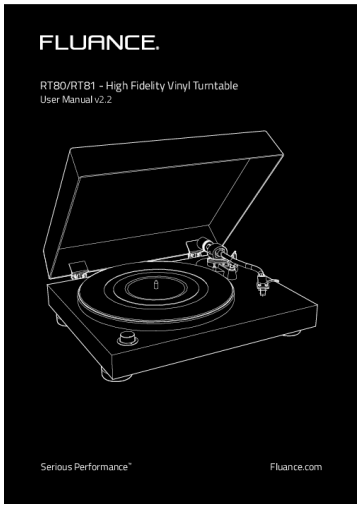

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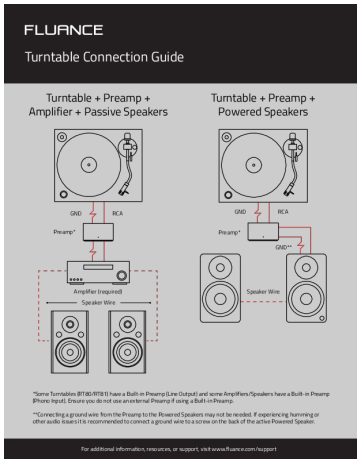

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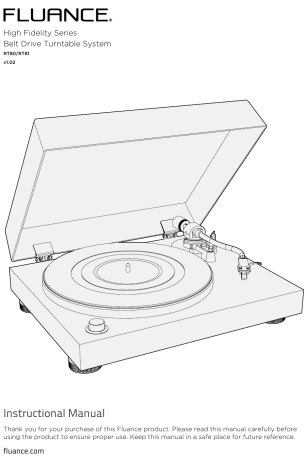

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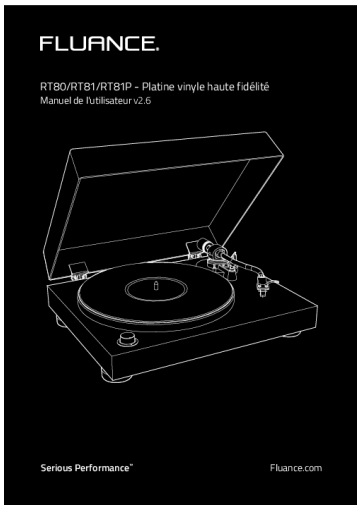

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RT80 RT81 RT81P Platine vinyle haute fidélité FluanceUtilisez une brosse de nettoyage la pointe lecture pour nettoyer si nécessaire Veillez à ce que le plateau tournant soit posé sur surface solide B1Oy3r0V8 Lm media amazon images I B1Oy3r0V8 L ref dp product quick view |||

RT80/RT81/RT81P - Platine vinyle haute fidlit Manuel de l utilisateur v2.6 Serious PerformanceTM Fluance.com Manuel de l utilisateur Fluance **RT80**/RT81/RT81P 2 Introduction Nous vous remercions d avoir achet votre produit Fluance. Nous esprons que vous avez apprci votre exprience. Si vous avez...

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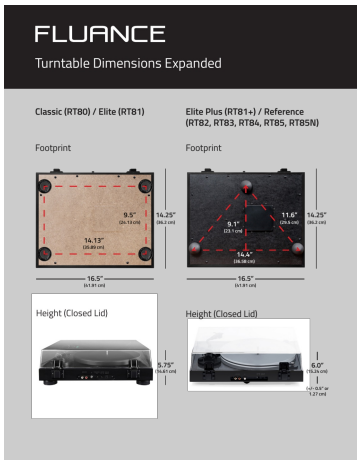

[pdf] Dimension Guide

fluance turntable dimensions expanded 20241218 mw link id 1524 |||

Turntable Dimensions Expanded Classic **RT80** / Elite RT81 Footprint Elite Plus RT81 / Reference RT82, RT83, RT84, RT85, RT85N Footprint 14.13 35.89 cm 9.5 24.13 cm 14.25 36.2 cm 16.5 41.91 cm 9.1 23.1 cm 14.4 36.58 cm 16.5 41.91 cm 11.6 14.25 29.5 cm 36.2 cm ...

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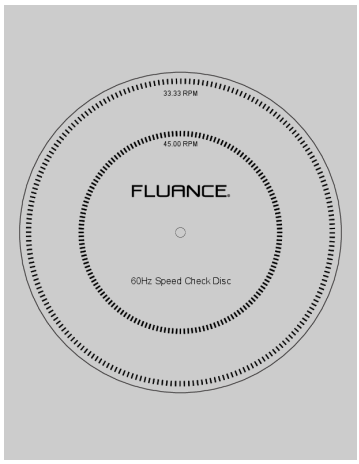

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RT80 RT81 Speed Disc 60Hz Check Copyright Extremephono 2002 33 RPM 45 00 FLUANCE Fluance Page 1 fluance 60hz speed check disc blog 2017 06 dl file id 1289 product 857

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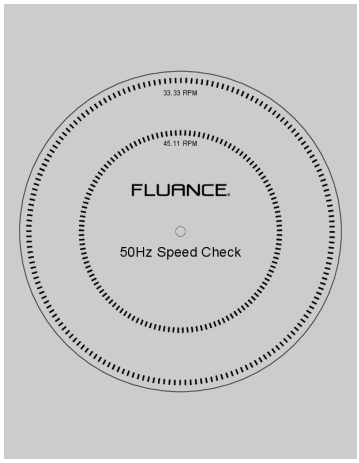

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RT80 RT81 50Hz Speed Disc 60Hz Check Copyright Extremephono 2002 33 RPM 45 11 FLUANCE Fluance Page 1 fluance 50hz speed check disc blog 2017 06 dl file id 1290 product 857

33.33 RPM 45.11 RPM 50Hz Speed Check ...

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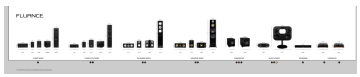

[pdf] Specifications Dimension Guide

Fluance Speaker Lineup v11 TURNTABLES Size blog fluance 2017 12 CLASSIC SERIES ELITE REFERENCE classic series elite reference signature subwoofers music systems soundbase turntables avc avs av5 avbp2 avfr sxc sxss sx6 sxbp sxfr xl7c hff 28 2016 11 00 recently relaunched its Signature Series Three Way Floorstanding speakers after improvements were made to crossover Minecraft Speedrunner VS 3 Hunters GRAND FINALE Duration 41 48 |||

27.3 lbs 9.0 lbs 6.0 16.2 AVC 5.5 lbs 9.0 lbs 6.8 lbs 9.7 11 10.2 33.0 5.9 AVS 7.5 ... bs 7.1 20.4 Fi50 29.5 Fi70 MUSIC SYSTEMS 24.0 lbs 3.9 26 AB40 SOUNDBASE 9.9 lbs 5.5 16.5 **RT80** 14.1 lbs 5.5 16.5 RT81 TURNTABLES ...

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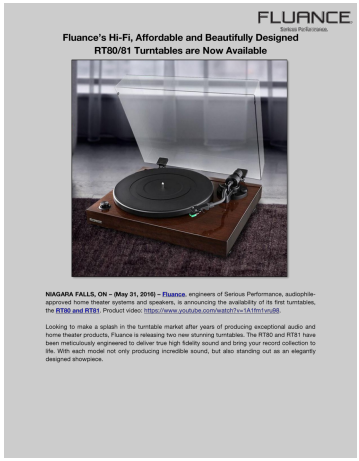

FLUANCE

Fluance's Hi-Fi, Affordable and Beautifully Designed
RT80/81 Turntables are Now Available

NIAGARA FALLS, ON – (May 31, 2016) – Fluance, engineers of Serious Performance, audiophile-approved home theater systems and speakers, is announcing the availability of its first turntables, the **RT80 and RT81**. Product video: https://www.youtube.com/watch?v=1A1fm1vru68.

Looking to make a splash in the turntable market after years of producing exceptional audio and home theater products, Fluance is releasing two new stunning turntables. The RT80 and RT81 have been meticulously engineered to deliver true high fidelity sound and bring your record collection to life. With each model not only producing incredible sound, but also standing out as an elegantly designed showpiece.

[pdf] Press Release

valerieguerra Fluance Serious Performance s Hi Fi Affordable and RT80 81 Turntables are Now Available engineers of approved home theater systems speakers is announcing the availability its first turntables RT81 Availability Press Release FINAL 1 blog fluance 2016 06 Untitled Author Created Date 6 10 9 29 01 AM |||

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