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› FiiO TT13 Fully Automatic Vinyl Stereo Turntable User Manual

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FiiO TT13 Fully Automatic Vinyl Stereo Turntable User Manual

Model: TT13

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your FiiO TT13 Fully Automatic Vinyl Stereo Turntable. Please read this manual thoroughly before using the product to ensure proper function and longevity.



Image: The FiiO TT13 turntable in white, with the dust cover open, showcasing a vinyl record on the platter. Vinyl records are not included with the product.

KEY FEATURES

- **Fully Automatic Tonearm:** Designed for convenient, one-touch play, pause, and automatic loop playback, protecting both the record player and vinyl records.
- **Built-in Phono Preamp:** Features a professional power amplification circuit with a line output level of 800mV@1kHz 0dB, offering superior signal-to-noise ratio and channel separation. This allows direct connection to powered speakers without an external phono preamp.
- **Analog Audio Architecture:** Utilizes a fully analog audio circuit with two JRC5532 high-fidelity operational amplifiers in a two-stage amplification design, complemented by multiple electrolytic capacitors and independent LDO power supplies for reduced noise and pure sound.
- **Durable Construction:** Meticulously polished metal panel provides anti-interference performance. The unit weighs nearly 4kg and features sturdy feet for excellent shock absorption, minimizing environmental vibration impact.

- **Remote Control:** Allows remote operation for power on/off, playback control (start/stop, repeat), lighting brightness adjustment, and tonearm direction fine-tuning.
- **aptX High-Res Bluetooth (Bluetooth version only):** Employs Qualcomm's Bluetooth platform supporting aptX, aptX Low Latency, aptX HD, and SBC for low-noise wireless audio transmission.
- **DC/AC Dual Power Supply Design:** Features a built-in switching power supply (AC 100-240V) and supports an external DC 12V-1A power supply for high-fidelity scenarios.
- **External Balance Adjustment:** An adjustable balance potentiometer addresses volume imbalance between left and right channels in analog circuits.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Platter Installation:** Place the die-cast aluminum platter onto the spindle.
3. **Belt Installation:** Gently wrap the rubber belt around the motor pulley and the inner rim of the platter. Ensure the belt is not twisted.

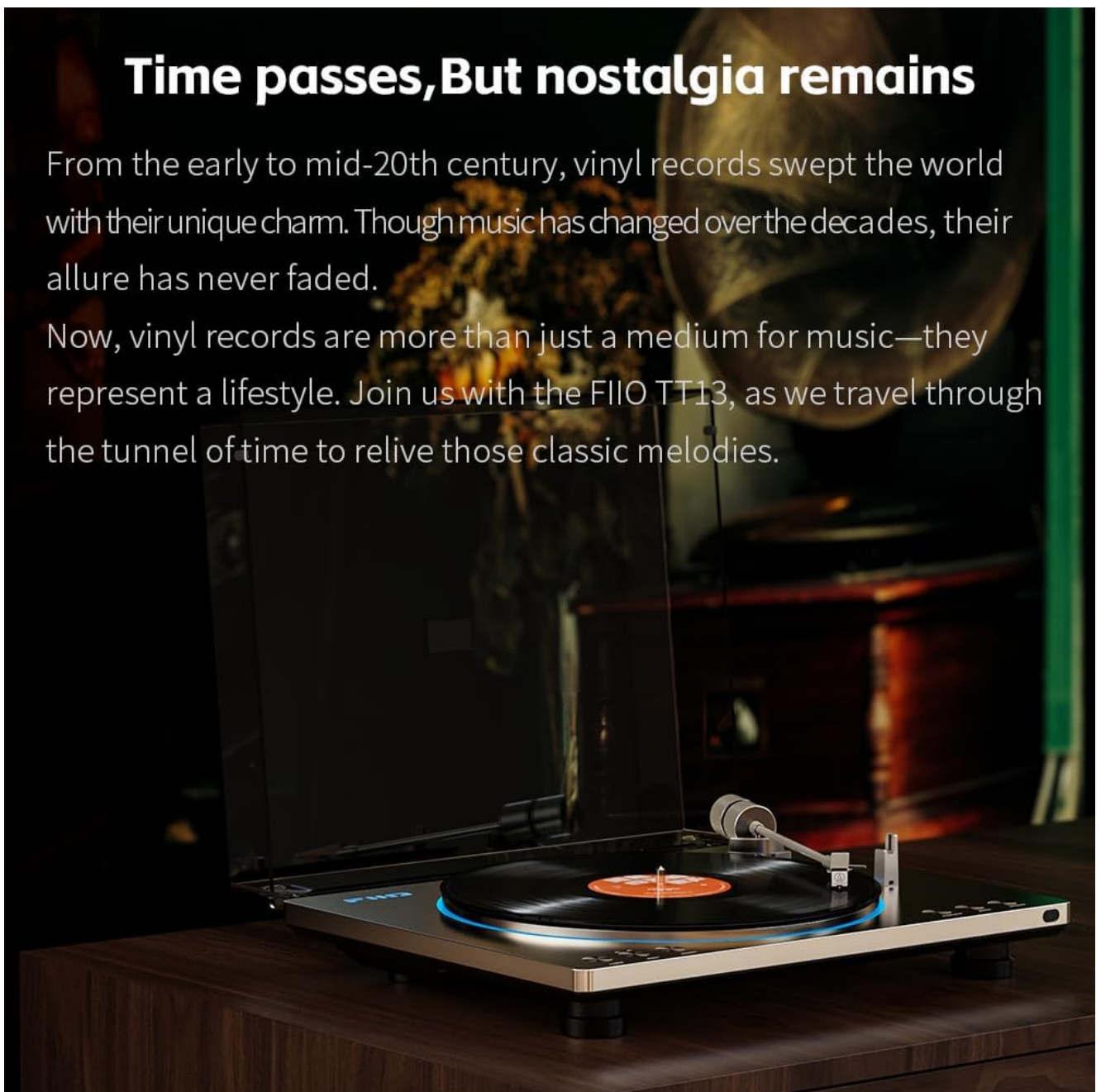


Image: A detailed view of the turntable's platter and tonearm, illustrating the components involved in initial setup.

4. **Dust Cover:** Attach the dust cover to the hinges at the rear of the turntable.
5. **Power Connection:** Connect the power adapter to the turntable and then to a suitable power outlet. The TT13 supports AC 100-240V or an external DC 12V-1A power supply.

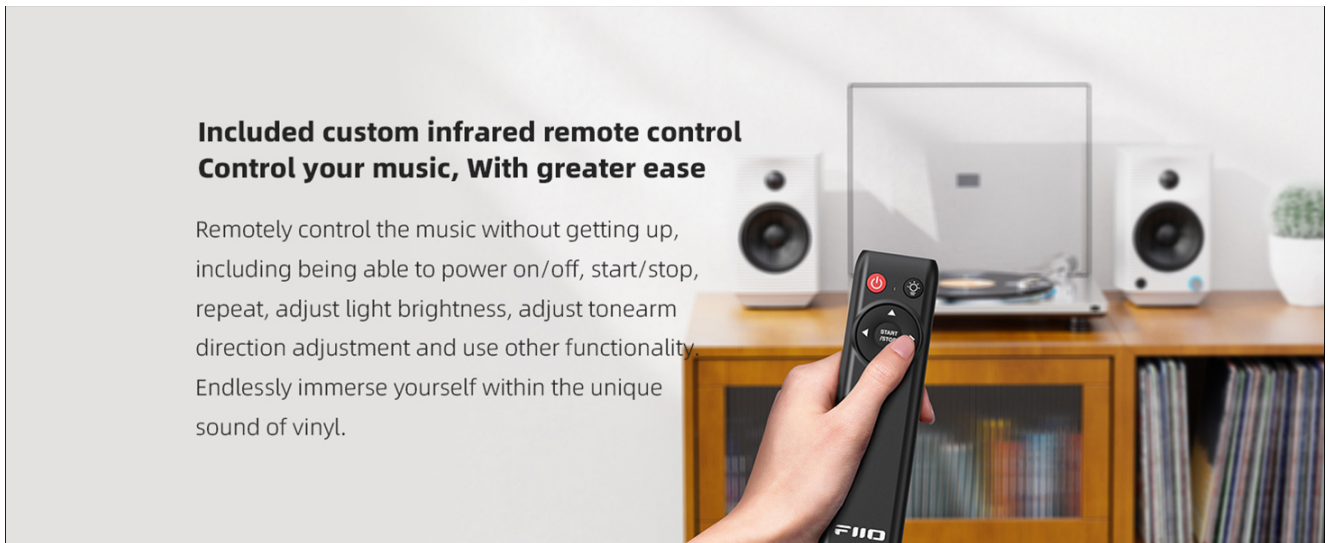


Image: The FiiO TT13 turntable connected to an external power supply, demonstrating its DC/AC dual power supply capability.

6. **Audio Output:** Connect the RCA output cables from the turntable to your amplifier or powered speakers. The built-in phono preamp allows direct connection to line-level inputs.

External balance adjustment

More balanced sound

To address the imbalance in the volume between the left and right channels in analog circuits, the TT13 employs an external adjustable balance potentiometer. This allows users to adjust the volume of the left and right channels for a more balanced sound.



Image: A close-up of the rear panel of the FiiO TT13, highlighting the RCA line output, ground terminal, and the external balance adjustment knob for fine-tuning audio channels.

7. **Balance Adjustment (Optional):** If an imbalance in volume between left and right channels is detected, use the external adjustable balance potentiometer on the rear panel to correct it.

OPERATING INSTRUCTIONS

Playing a Record

1. Place a vinyl record on the platter.
2. Select the appropriate record size (7" or 12") using the size selector switch, if available.
3. Press the **Start** button. The tonearm will automatically lift, move to the beginning of the record, and lower to begin playback.



Image: The FiiO TT13 turntable demonstrating its fully automatic tonearm in action, positioned over a playing record.

Pausing and Stopping Playback

1. To pause playback, press the **Pause** button. The tonearm will lift from the record.
2. To resume playback, press the **Pause** button again.
3. To stop playback, press the **Stop** button. The tonearm will automatically lift, return to its rest position, and the platter will stop rotating.

Loop Playback

The TT13 supports automatic loop playback. Refer to the specific controls on your unit or the remote control for activating this feature.

Bluetooth Connectivity (Bluetooth version only)

1. Ensure your TT13 is the Bluetooth version.
2. Activate Bluetooth pairing mode on the turntable (refer to device controls).
3. On your Bluetooth-enabled speaker or headphones, search for available devices and select "FiiO TT13".
4. Once paired, audio will transmit wirelessly.

aptX High-Res Bluetooth

A wireless connection can also sound great

The TT13 Bluetooth version employs Qualcomm's Bluetooth platform and supports aptX/aptX Low latency/aptX HD/SBC Bluetooth transmission. Thanks to the carefully designed circuit architecture and unique signal processing, it is exceptionally low-noise.



Qualcomm[®]
aptX[™]



Qualcomm[®] aptX[™]
Low Latency

SBC



Qualcomm[®]
aptX[™] HD

*The standard version does not support Bluetooth.

Image: A close-up of the FiiO TT13 turntable, highlighting its support for aptX High-Res Bluetooth audio transmission. Note: Standard versions do not support Bluetooth.

Using the Remote Control

The included infrared remote control provides convenient access to various functions:

- Power On/Off
- Start/Stop Playback
- Repeat Playback
- Adjust Lighting Brightness
- Fine-tune Tonearm Direction

All-aluminum alloy panel

The precisely polished metal panel not only exhibits a premium texture but also effectively shields against external interference. Its substantial and solid build weighing nearly 4kg is apparent to the naked eye. The robust feet allow it to boast excellent shock absorption, effectively avoiding any audio quality degradation due to slight environmental vibrations for stable, good-quality sound.



Image: A hand holding the FiiO TT13's infrared remote control, showing buttons for various functions including power, playback, and lighting adjustments.

LED Lighting Effects

The turntable features customizable LED lighting. You can choose from 7 dazzling lighting effects and adjust their brightness, or turn them off completely. On the Bluetooth version, these settings can be controlled via the remote. On the standard version, adjustments are made directly on the unit.

Built-in powerful phono preamp

Built into the TT13 is a powerful, meticulously tuned phono preamp. The line output level can reach 800mV@1kHz 0dB, which is more powerful than similar products, and also with improved signal-to-noise ratio and reduced crosstalk - for a powerful sound. The built-in phono preamp eliminates the need to purchase a separate one, significantly reducing the cost of setting up a vinyl turntable system and can easily be paired with active speakers.

800mV@1kHz 0dB
TT13

300mV@1kHz 0dB
Other vinyl turntables



Image: The FiiO TT13 turntable with its platter edge illuminated by LED lights, demonstrating the customizable lighting effects and color options.

MAINTENANCE

- **Cleaning the Dust Cover:** Use a soft, dry cloth to gently wipe the dust cover. Avoid abrasive cleaners.
- **Cleaning the Platter and Chassis:** Use a soft, slightly damp cloth to clean the metal panel and chassis. Ensure no liquid enters the internal components.
- **Stylus Care:** Periodically clean the stylus with a soft brush designed for turntable styli, brushing from back to front.
- **Belt Inspection:** Check the drive belt periodically for wear or stretching. Replace if necessary.
- **Storage:** When not in use, keep the dust cover closed to protect the turntable from dust.

TROUBLESHOOTING

No Power

Ensure the power adapter is securely connected to both the turntable and a working power outlet. Check if the power button is pressed.

No Sound or Low Volume

Verify that the RCA cables are correctly connected to your amplifier or powered speakers. Ensure the amplifier/speakers are powered on and set to the correct input. Check the volume levels on both the turntable (if applicable) and your audio system. If using Bluetooth, ensure proper pairing and volume on the connected device.

Skipping or Distorted Sound

Check if the record is clean and free of dust or debris. Ensure the turntable is placed on a stable, level surface to minimize vibrations. Inspect the stylus for damage or dirt. If the issue persists, the stylus may need replacement.

Tonearm Not Moving Automatically

Ensure no obstructions are preventing the tonearm's movement. Check if the automatic functions are enabled. If the issue persists, contact customer support.

Bluetooth Connection Issues

Ensure your turntable is the Bluetooth version. Confirm the turntable is in pairing mode and within range of the receiving device. Try unpairing and re-pairing the devices. Ensure no other devices are interfering with the Bluetooth signal.

SPECIFICATIONS

Feature	Detail
Model Name	TT13
Brand	FiiO
Item Weight	12.76 pounds (approx. 5.79 kg)
Package Dimensions	18.11 x 17.72 x 6.3 inches (approx. 46 x 45 x 16 cm)
Material	Aluminum
Special Feature	Fully automatic tonearm, Loop playback
Included Components	Cable (Power cable, RCA cable)
Compatible Devices	Headphone, Speaker
Phono Preamp Output	800mV@1kHz 0dB
Power Supply	AC 100-240V (built-in switching), External DC 12V-1A support
Bluetooth Support (Bluetooth version)	aptX, aptX Low Latency, aptX HD, SBC

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official FiiO website or contact your local distributor. Keep your purchase receipt for warranty claims.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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