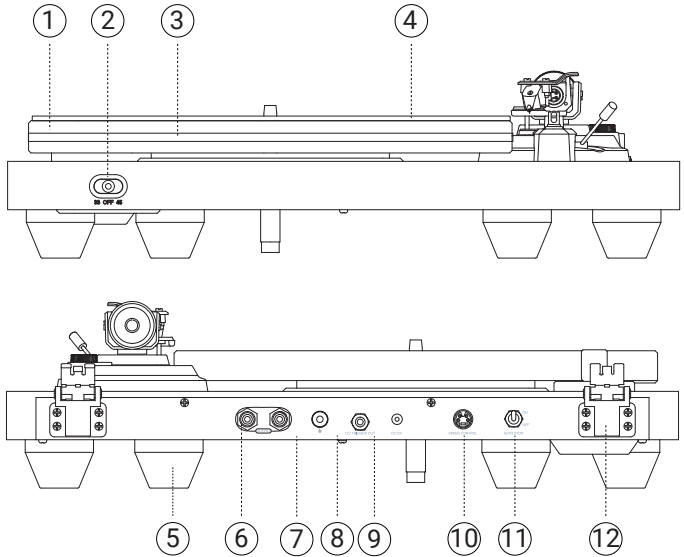


Luna3 User Manual

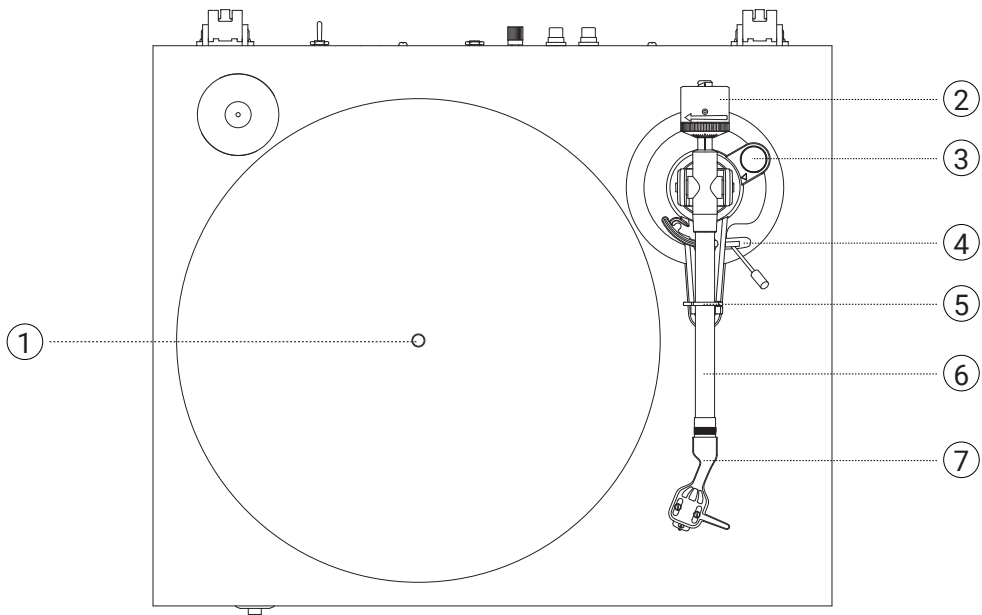
Introduction

Thank you for purchasing Fosi Audio Luna3 turntable!

The Luna3 is our first high-quality turntable, meticulously designed for audiophiles seeking superior sound quality. It features the latest servo motor technology, ensuring stable and precise rotation speeds. The substantial and stylish acrylic platter effectively minimizes unwanted resonance, thus reducing noise. Our innovative mounting technology significantly decreases motor noise, ensuring a flawless audio signal. Whether you are an audio enthusiast or a music lover, the Luna3 will guide you through an unparalleled auditory journey. Thank you again for your support; Fosi Audio is committed to delivering the ultimate audio solutions.



- ① Turntable Platter
- ② Speed Selector Switch
- ③ Rubber Belt
- ④ Platter Mat
- ⑤ Isolation Feet
- ⑥ RCA Output
- ⑦ Ground Terminal
- ⑧ 12V Trigger Out Port
- ⑨ Power Connector
- ⑩ Speed Control
- ⑪ Auto-Stop Switch
- ⑫ Hinge



① Main Spindle

② Counterweight

③ Anti-skate Adjustment

④ Cueing Lever

⑤ Tonearm Lock

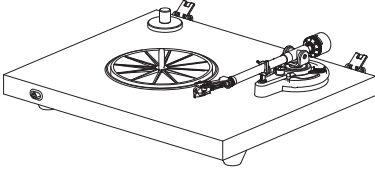
⑥ Tonearm

⑦ Headshell with Stylus

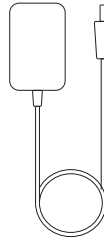
Specifications

Speed	33, 45 (electronic speed change)
Speed Variation	33: 0.1% 45: 0.1%
Wow&Flutter	33: 0.1% 45: 0.15%
Platter	300mm (acrylic)
SNR	65dB
Tonearm Length&Matreial	8.6in (aluminum)
Tonearm Diameter	12.2mm
Effective Arm Length	218.5mm
Overhang	22mm
Dimensions	420×112×330mm (W×H×D)
Weight	3.5kg
Power Consumption	5W (Max)
Power Supply	12VDC/1500mA

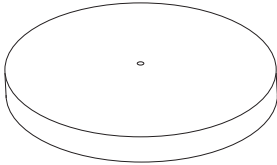
Product Overview



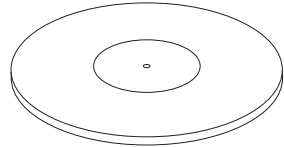
Plinth



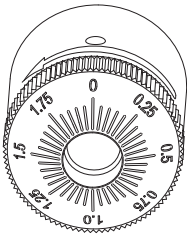
12V Power Adapter



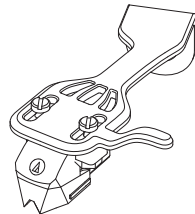
Acrylic Platter



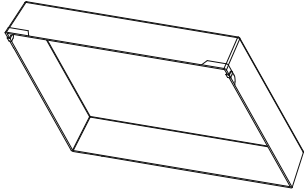
Platter Mat



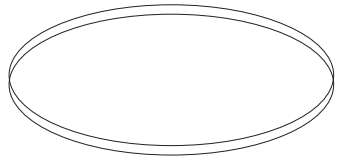
Counterweight



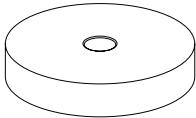
Headshell with Stylus



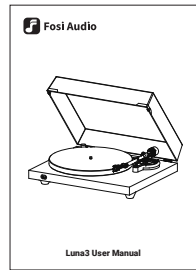
Dust Cover



Rubber Belt



45 Adapter



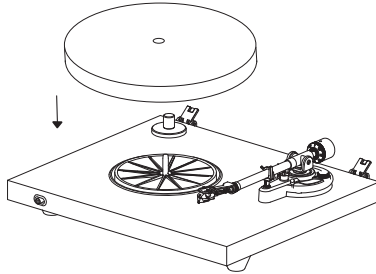
User Manual

Operation Guide

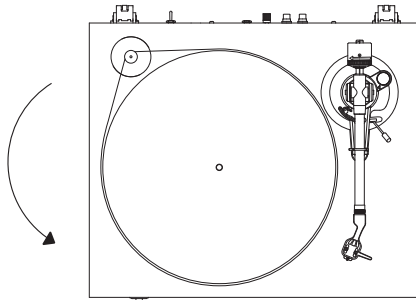
Initial Setup

Step One: Assemble the Turntable

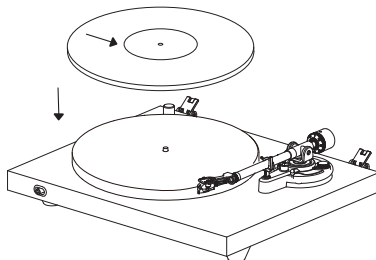
1. Remove all protective packaging and place the plinth on a solid, level surface. Then, position the platter onto the central spindle;



2. Loop the rubber belt around the motor pulley and the platter, being careful not to stretch it excessively. Rotate the platter several times to ensure the belt moves smoothly;

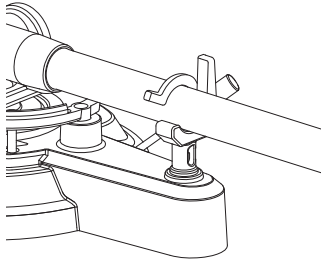


3. Place the platter mat on top of the platter, ensuring the grooved side is facing upward.

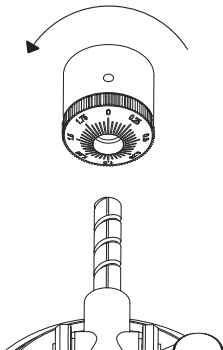


Step Two: Install the Counterweight

1. Secure the tonearm using the tonearm lock;

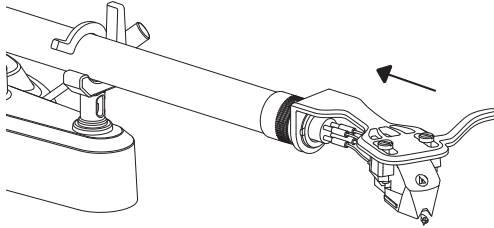


2. Slide the counterweight onto the end of the tonearm with the numbers facing forward, then rotate it to fully engage onto the tonearm.



Step Three: Install the Headshell

1. Remove the headshell from its protective packaging and insert it into the end of the tonearm;
2. Tighten the nut on the tonearm until the headshell is secure.

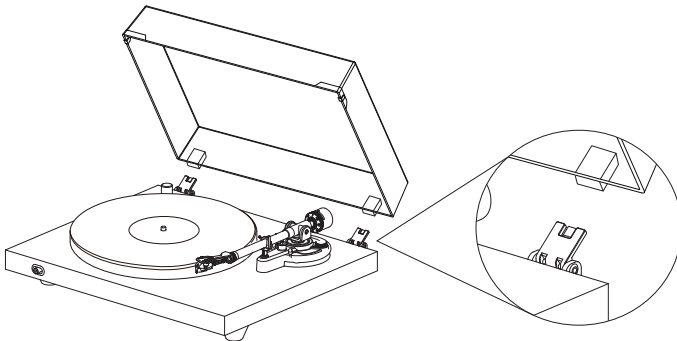


Step Four: Install the Dust Cover

1. Gently place the dust cover aside to use later, avoiding any bumps and scratches;
2. Carefully lift the hinges at the back of the turntable and align the slotted side of the dust cover to fit into place.

Note:

The hinges are spring-loaded and may exert significant force. Handle with care to ensure safety during installation.



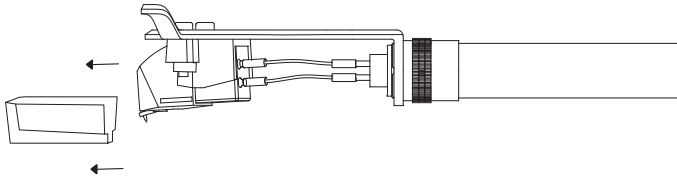
Step Five: Balance the Tonearm

Note:

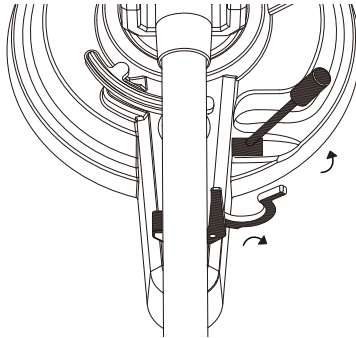
Please follow all steps to balance the tonearm correctly, as improper balance can damage the stylus and records. For more assistance, please visit the Fosi Audio support page:

<https://support.fosiaudio.com/>.

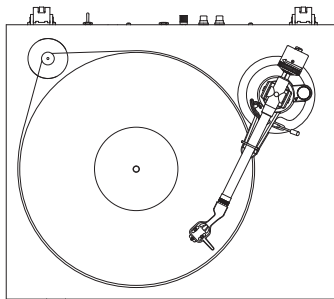
1. Remove the stylus protector;



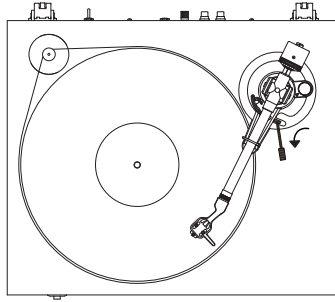
2. Unlock the tonearm lock and lift the cueing lever;



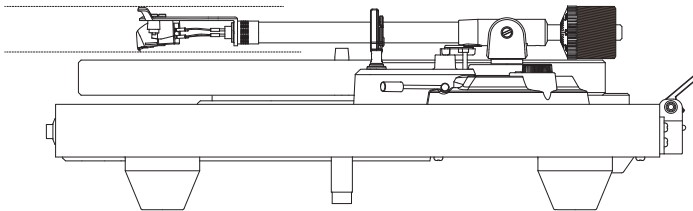
3. Place the tonearm over the platter;



4. Hold the headshell and reset the cueing lever, taking care to avoid contact between the stylus and the platter;



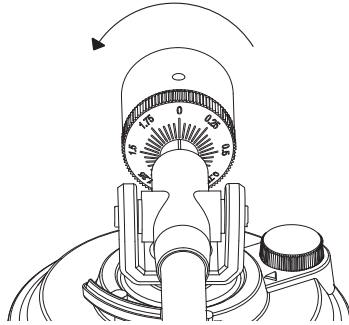
5. Lower the cueing lever and rotate the counterweight until the tonearm and cartridge are horizontally balanced, ensuring the stylus does not touch the platter;



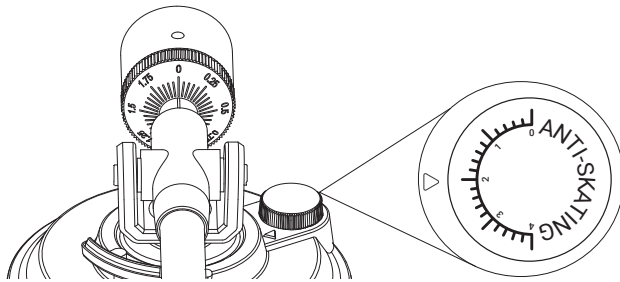
6. Only rotate the counterweight dial, align the centerline to the number "0", maintaining the balance of the tonearm, then secure the tonearm with the tonearm lock;



7. Set the tracking force to 2g by rotating the entire counterweight counterclockwise until the "0" on the dial aligns with the center line;



8. Adjust the anti-skating force to match the tracking force of 2 grams.

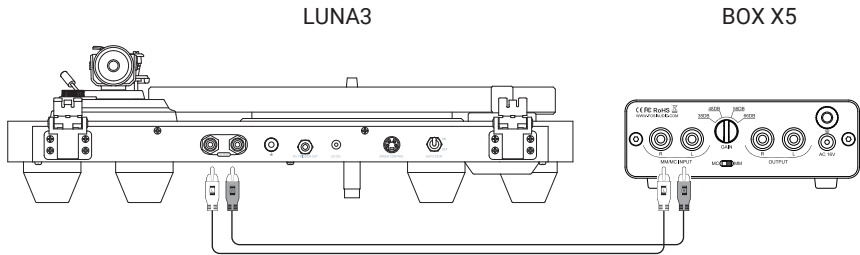


Note:

When adjusting the counterweight, ensure you are rotating the entire counterweight, not just the calibration ring.

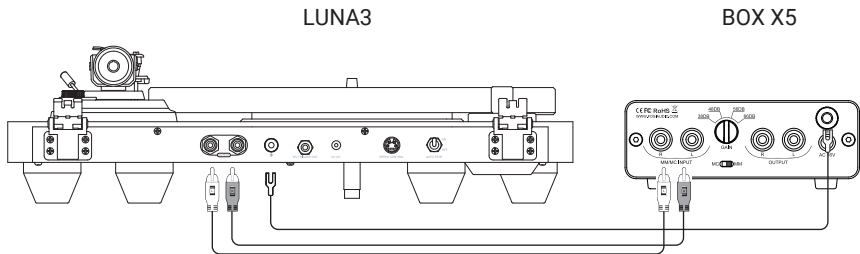
Step Six: Connect the RCA Cables and Grounding Wire

The Luna3 does not have a built-in phono preamplifier, so it must be connected to an external phono preamplifier or an amplifier with a phono input. Connect the RCA cables and grounding wire to the back of the turntable and then to the phono input and grounding terminal of the phono preamplifier or amplifier. Match the cable colors to the RCA connectors.



Note:

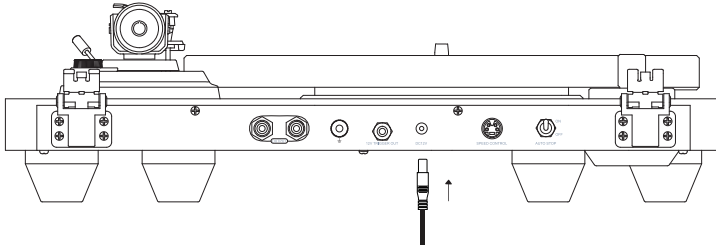
1. When using a phono preamplifier, connect the grounding wire between the turntable and the phono preamplifier;



2. Connect a second grounding wire between the phono preamplifier and the amplifier or active speakers. Ensure both ends are grounded to prevent unwanted noise or hum.

Step Seven: Connect the Power Adapter

Ensure a firm connection between the power adapter and the wall outlet. Insert the power cord into the power input on the back of the turntable.



Note:

Always use the official power adapter provided.

Step Eight: Play a Record

1. For optimal audio performance, it is advisable to remove the dust cover first;
2. Place a record on the platter;
3. Set the speed selector switch to the correct speed listed on your record (normally 33 RPM for standard play);
4. Unlock the tonearm;
5. Lift the cueing lever;
6. Move the headshell over to the starting point of the record;
7. Lower the cueing lever;
8. Enjoy the music.

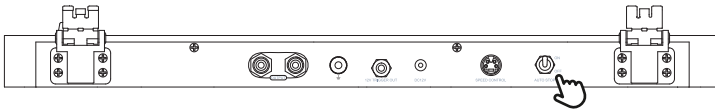
Note:

When not in use, set the speed selector switch to the off position.

Operation Guide

Auto-Stop Feature

The auto-stop function is designed to prolong the life of the stylus. If enabled, the turntable will automatically stop spinning within three minutes if no music is played at the end of a record. If the auto-stop switch is set to off, the turntable will continue to operate.



Note:

The auto-stop function takes about three minutes to activate. Due to variations in vinyl production, some records may not trigger the auto-stop function.

Replacing the Drive Belt

1. Remove the drive belt from the motor pulley and platter;
2. Place the new belt around the motor pulley and platter without overstretching;
3. Rotate the platter several times to ensure the belt operates smoothly.

Turntable Care

1. Wipe the platter's surface with a soft fiber cloth to remove dust;
2. Cover with the dust cover when not in use.

Record Care

1. Store records vertically in a dry environment away from heat sources;
2. Use an anti-static brush to remove groove dirt or a record cleaning solution for deeper cleaning to ensure clear playback;
3. Always use the lever to raise or lower the tonearm to prevent accidental slippage and damage.

Cartridge Care

1. Attach the cartridge protective cover when not in use to prevent accidental damage to the stylus;
2. A stylus cleaning brush can be used to remove dust and debris from the stylus;
3. Enabling the auto-stop feature can stop the platter after playback, reducing stylus wear.

Frequently Asked Questions

Turntable Not Spinning

- A. Ensure the power connection is secure.
- B. Set the speed switch to 33 or 45. Lift the tonearm above the platter; the platter should start spinning.
- C. Ensure the drive belt is intact and functioning properly.

Incorrect Speed

Check the record label and set the speed switch to match. Most LPs play at 33RPM, but some may play at 45 RPM.

Skipping

- A. Ensure the record surface is clean and the record is not warped or damaged.
- B. Check the stylus tip for dirt or debris.
- C. Refer to the initial setup step four to ensure the tonearm is correctly balanced and set the correct tracking force.
- D. Check that the anti-skate adjustment matches the set tracking force.

Audio Feedback

- A. Ensure speakers are placed far from the turntable. The turntable should not be placed in front of speakers or on the same surface.
- B. For optimal audio performance, remove the dust cover during playback.
- C. Lower the volume if feedback occurs at high volume levels.
- D. If using an external phono preamp with a filter, turn on the filter to reduce resonance feedback.

Cueing Lever Not Lowering Tonearm

- A.** Refer to the initial setup step five to ensure the tonearm is properly balanced and the correct tracking force is set.
- B.** Unlock the tonearm and lower the lever gently pressing the small cradle underneath to fully lower it, resetting the tonearm's lowering mechanism.

Low Volume

- A.** Check that RCA connections are correct and secure (refer to initial setup step six).
- B.** Since Luna3 does not have a built-in phono preamp, it must be connected to an amplifier with a phono input or first to an external phono preamp, then to an amplifier.

Humming Sound

- A.** Connect the ground cable between the external phono preamp and the amplifier. If using an external phono preamp, ensure a second ground cable connects from the phono preamp to the amplifier or active speakers.
- B.** Ensure the headshell is tightly screwed on and secure.
- C.** Plug the turntable and other equipment directly into a wall outlet. Do not use power strips or extension cords, as unstable currents can affect sound quality or device operation.
- D.** Place speakers away from the turntable to reduce resonance and feedback.

Sound Only from One Channel

- A.** Test speakers with another audio source like a CD player or smartphone to ensure they are working properly.
- B.** Check the tonearm is balanced and set with the correct tracking force.
- C.** Disconnect and reconnect RCA cables, ensuring each connection is tight.
- D.** Try replacing the RCA cables to rule out cable faults.
- E.** Remove the headshell from the tonearm, and clean the metal contacts at the tail end with an alcohol-dipped swab. After cleaning, reinstall the headshell and tighten the securing nut.

If you have any further questions, please contact our support team at support@fosiaudio.com.

Warranty and Maintenance

Fosi Audio pledges to give a 24-month limited warranty and support from the date of purchase. If you encounter any problem when using our product, please contact our support team at support@fosiaudio.com.

About Us

Fosi Audio designs and builds innovative audio products with all your music in mind. Great sound, simple but elegant designs, high-quality components, and truly useful features are what Fosi Audio pursues. We sincerely hope you can get as much enjoyment from our products as we've had to create them!

Our Website: www.fosiaudio.com

Amazon Store: www.amazon.com/fosiaudio

Facebook Page: www.facebook.com/fosiaudioglobal

Youtube Channel: www.youtube.com/@fosiaudio

Official Forum: <https://community.fosiaudio.com>

Whatsapp: +86 13716612254

After-Sales Service and Technical Support Email:
support@fosiaudio.com



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