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LEEVOT XZ-2A

LEEVOT Grain Mill 150g Commercial Spice Grinder Electric 650W Instruction Manual

Model: XZ-2A

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your LEEVOT 150g Commercial Electric Grain and Spice Grinder. Please read this manual thoroughly before first use and retain it for future reference.

The LEEVOT Grain Mill is designed for grinding various dry materials, including grains, spices, herbs, and dried foods. It features a 650W motor, 150g capacity, and operates at 28,000 RPM, capable of achieving fineness from 50 to 300 mesh in under a minute. It is constructed from food-grade stainless steel for durability.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Ensure the power supply is securely plugged in. Inspect the power cable for damage before each use. Do not operate the grinder with a damaged cable.
- **Material Compatibility:** This grinder is suitable only for dry materials. Do not use it for wet, moist, or oily materials, as this can damage the motor and blades.
- **Overload Protection:** The machine is equipped with an automatic overload protection system. If overloaded (due to overheating or excessive load), the machine will stop automatically. To reset, press the red button on the base.
- **Usage Duration:** Recommended usage time is no more than 3 minutes per grinding session. Allow a 5-10 minute rest period after each session to prevent overheating.
- **Lid Safety Lock:** The grinder features a safety lock. Ensure the lid is firmly locked before operation to prevent powder spillage and ensure safe use. The machine will not operate if the lid is not properly secured.
- **Blade Safety:** Exercise caution when handling blades during cleaning or replacement. Blades are sharp.
- **Cleaning:** Do not rinse the machine body with water. Clean only with a moist cloth or paper towel. Separate blades can be washed with water.
- **Children and Pets:** Keep the appliance out of reach of children and pets.

3. PRODUCT OVERVIEW


3.1 Components



Figure 3.1: The LEEVOT Grain Mill, showcasing its stainless steel construction and compact design, surrounded by various dry ingredients it can process.

TIMING FUNCTION



 After grinding for 3 minutes you need to rest for 5-10 minutes

Accessory



Spare Blade*2



Spare Blade*2



Hairbrush



Sifter



Carbon Brush

Figure 3.2: Included accessories: two spare grinding blades, two spare rotary blades, a cleaning brush, a sifter, and carbon brushes for motor maintenance.



Safety Lock

Easy to firmly lock, preventing powder from spilling during the grinding process.

Carbon Brush Cover

Carbon brushes on both sides last about 1 year, with their lifespan determined by usage frequency. Replace them regularly according to frequency of use.

Overload Protection

For safety, the machine stops automatically if overloaded (due to overheating or excessive load). To restart, lightly press the overload protection switch.

Figure 3.3: Key features: the safety lock mechanism for secure lid closure, the carbon brush cover for maintenance access, and the red overload protection reset button.

3.2 Specifications

Feature	Specification
Brand	LEEVOT
Model Number	XZ-2A
Capacity	150g
Power	650W
Voltage	110 Volts
Motor Speed	28,000 RPM

Crushing Fineness	50 to 300 mesh
Timer	0-5 minutes
Material	Food-grade Stainless Steel
Product Dimensions	5.9"L x 5.9"W x 14.76"H
Item Weight	5 pounds

Note: Some specifications may vary slightly based on production batch.

4. SETUP

Before first use, ensure all packaging materials are removed and the grinder is placed on a stable, flat, non-slip surface. Verify that all components are present and undamaged.

4.1 Initial Cleaning

Wipe the grinding chamber and exterior with a damp cloth. Do not immerse the main unit in water. Ensure all parts are dry before assembly and use.

4.2 Preparing for Grinding

- Ensure the power cord is accessible but not obstructing the grinder's operation.
- Confirm the lid is properly aligned and the safety lock mechanism is ready for engagement.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective grinding:

1. **Prepare Material:** Ensure the material to be ground is completely dry. Break larger pieces into smaller, manageable sizes if necessary.
2. **Load Material:** Open the lid and carefully pour the material into the grinding chamber. Ensure the material covers the long blade and does not exceed 2/3 of the jar's capacity.
3. **Secure Lid:** Close the lid securely. Rotate the lid to slot the rod into the groove and lock it. Press down the locks on both sides of the lid until you hear a click, ensuring it is properly fastened.

Frequently Asked Questions

Q1: Why does the grinder not work?

A1: First, check if the indicator light is on. If not, ensure the power supply is plugged in securely and inspect the power cable for damage (you can test with another compatible household cable). If the light is on, verify whether the carbon brush is faulty. If both are normal, check if the timer starts properly.

Q2: Can it grind coffee beans?

A2: Yes, but only dry materials like rice, corn, nuts, or dried chilies. Not suitable for moist, oily, or sticky items.

Q3: What should I do after receiving the product?

A3: First check for damage and ensure all accessories are included. Then verify the timer is set correctly.

Q4: How do I clean the machine?

A4: Always unplug before cleaning. Wipe with a dry cloth only - do not rinse with water or use abrasive tools.

Q5: Is the strong smell during first use normal?

A5: Yes, this is normal for new machines. Simply wipe the container with a dry cloth and grind some rice or tea first to remove the odor. Any slight sparks or smell during initial use are caused by the brush motor's normal friction and will disappear after the first few uses..

Q6: How do I replace the carbon brushes?

A6: Unscrew the nut counterclockwise, remove the old brush, insert the new one, and tighten the nut securely.

Q7: How do I remove the blade?

A7: Secure the screw under the shredding chamber first, then use a wrench to unscrew the nut counterclockwise

Q8: What if I see sparks and smoke?

A8: Check if the container is over 2/3 full or used beyond 3 minutes. If persists, inspect and tighten carbon brushes before restarting.

Figure 5.1: Visual guide for securing the lid: rotating the lid to engage the lock and pressing down side latches.

4. **Set Grinding Time:** Plug in the grinder. Use the timer dial to set the desired grinding duration (0-5 minutes). For most materials, a short duration (e.g., 30-60 seconds) is sufficient.
5. **Start Grinding:** Turn the power switch to the "ON" position. The grinder will start operating for the set time.
6. **Monitor Process:** Observe the grinding process. If the desired fineness is not achieved, you may run another short cycle after allowing the motor to rest.
7. **Finish Grinding:** Once the grinding cycle is complete, turn the power switch to "OFF" and unplug the unit.
8. **Remove Powder:** Carefully open the lid. Pour out the ground powder. Use the provided cleaning brush to remove any remaining residue from the chamber.

5.1 Recommended Materials for Grinding

The grinder is ideal for a variety of dry materials, including:

- **Grains:** Soy, corn, rice, wheat, oats.
- **Spices:** Star anise, pepper, rosemary, cinnamon, turmeric.
- **Herbs:** Various dried herbs.
- **Nuts/Seeds:** Sesame, peanuts, walnuts, coffee beans.
- **Dried Foods:** Herbal medicine, dried fruits (ensure they are completely dry and brittle).



Figure 5.2: Examples of materials suitable for grinding, demonstrating their transformation from whole to fine powder.

6. MAINTENANCE AND CLEANING

Proper maintenance ensures the longevity and optimal performance of your grinder.

6.1 Daily Cleaning

1. **Unplug:** Always unplug the grinder from the power outlet before cleaning.
2. **Clean Grinding Chamber:** After each use, use a moist paper towel or cloth to clean the food powder from the grinding chamber. Do not rinse the main unit with water to avoid damaging the motor.
3. **Clean Blades:** The blades can be washed separately with water. Ensure they are completely dry before reassembly.
4. **Wipe Exterior:** Wipe the exterior fuselage with a dry cloth.
5. **Storage:** After cleaning, store the grinder in a ventilated area to keep the inner compartment dry. Avoid direct sunlight. Ensure it is completely dry before covering the lid and storing.

HOW TO CLEAN THE MILL

1. After each grinding, use a damp paper napkin or a cloth to clean the food powder, **do not rinse directly with water**, which will damage the engine.
2. After cleaning, please put it in a ventilated place, so that the internal compartment to **keep dry**, do not put the sun, check the dry and then cover the lid and keep it.



Brush Cleaning Container



Wipe The Fuselage



Blade Washed Separately

Figure 6.1: Cleaning procedures: using a brush for the container, wiping the exterior, and washing blades separately.

6.2 Blade Replacement

If blades become dull or damaged, they can be replaced using the spare blades provided.

1. **Secure Blade:** Insert a flathead or Phillips screwdriver into the slot to hold the blade in place.
2. **Remove Nut:** Use a socket wrench to rotate counterclockwise and unscrew the cap nut.
3. **Replace Blade:** Remove the old blade and replace it with a new one.
4. **Tighten:** Use the tool to tighten clockwise to complete the installation.

How to Replace the Blade?



1. Insert a flathead or Phillips screwdriver into the slot to hold the blade in place, then use a socket wrench to rotate counterclockwise and unscrew the cap nut.



2. Remove the old blade and replace it with the new one, then use a tool to tighten clockwise to complete the installation.



Figure 6.2: Step-by-step guide for replacing the grinding blade.

6.3 Carbon Brush Replacement

Carbon brushes typically last about 1 year, depending on usage frequency. Replace them regularly to maintain motor efficiency.

1. **Disassemble:** Use a flathead screwdriver to rotate counterclockwise and remove the carbon brush cover located on the side of the unit.
2. **Replace:** Remove the old carbon brush and insert a new one.
3. **Install:** Screw the carbon brush cover clockwise to secure it.
4. **Inspect:** After replacement, check for any issues. Press the overload protection button to resume normal operation if it was tripped.

How to Replace Carbon Brushes?



1 Disassemble

Use a flathead screwdriver to rotate counterclockwise and remove the carbon brush cover.



2 Replace

Remove the carbon brush and replace it with a new one.



3 Install

Screw the carbon brush cover clockwise to secure it.



4 Inspect

After checking and eliminating any issues, press the overload protection button to resume normal operation.

Figure 6.3: Instructions for replacing the motor's carbon brushes.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.


7.1 Overload Protection Tripped

If the machine stops unexpectedly, it is likely due to the overload protection device tripping, often caused by heavy loads or prolonged continuous use.

1. **Turn Off Power:** Immediately turn off the power and unplug the machine.
2. **Inspect Chamber:** Inspect the grinding chamber for any obstructions or excessive material. Remove any issues found.
3. **Reset:** Once the problem is resolved, press the red reset button on the overload protection device (located on the base) to resume normal operation.

What to Do If The Machine Is Overloaded?

Usually, the machine overheats due to heavy loads or prolonged continuous use, causing the overload protection device to trip and cut off power, rendering it unable to start.




1. After triggering the overload protection, please turn off the power.
2. Inspect the grinding chamber and address any issues found.
3. Once the problem is resolved, press the reset button on the overload protection device to resume normal operation.

Figure 7.1: Guide for addressing an overloaded grinder and resetting the protection.

7.2 Frequently Asked Questions (FAQ)

Versatile Application



Home Kitchen **Coffee Shop** **Spice Shop** **Laboratories**

Figure 7.2: A visual representation of common questions and their answers regarding the grinder's operation and maintenance.

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Q2: Can it grind coffee beans?

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A5: Yes, this is normal for new machines. Simply wipe the container with a dry cloth and grind some rice or tea first to remove the odor. Any slight sparks or smell during initial use are caused by the brush motor's normal friction and will disappear after the first few uses.

Q6: How do I replace the carbon brushes?

A6: Unscrew the nut counterclockwise, remove the old brush, insert the new one, and tighten the nut securely. *Note: This answer from the image seems to be simplified. Refer to Section 6.3 for detailed steps.)*

Q7: How do I remove the blade?

A7: Secure the screw under the shredding chamber first, then use a wrench to unscrew the nut counterclockwise. *(Note: Refer to Section 6.2 for detailed steps)*

Q8: What if I see sparks and smoke?

A8: Check if the container is over 2/3 full or used beyond 3 minutes. If persists, inspect and tighten carbon brushes before restarting.

8. WARRANTY AND SUPPORT

LEEVOT is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical assistance, troubleshooting beyond this manual, or any product-related inquiries, please contact LEEVOT customer support. Contact information can typically be found on the product packaging or the official LEEVOT website.

