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AFMAT PSC4

AFMAT PSC4 Electric Pencil Sharpener User Manual

Model: PSC4 | Brand: AFMAT

1. INTRODUCTION

Thank you for choosing the AFMAT PSC4 Electric Pencil Sharpener. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new sharpener. Please read these instructions thoroughly before first use and retain them for future reference.

Safety Warnings

- Keep the sharpener away from water or other liquids to prevent electric shock.
- Do not insert fingers or foreign objects into the sharpening hole.
- Ensure the shavings bin is securely closed before operation. The sharpener will not operate if the bin is open or improperly installed.
- Unplug the sharpener from the power outlet before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. PACKAGE CONTENTS

Please check the package for the following items:

- AFMAT PSC4 Electric Pencil Sharpener (Green)
- Power Adapter (US version requires a power outlet)
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your AFMAT PSC4 Electric Pencil Sharpener:

1. **Sharpening Hole:** Insert pencils for sharpening.
2. **Sharpness Adjustment Dial:** Located on top, allows selection of 5 different tip sharpness levels.
3. **Transparent Shavings Bin:** Collects pencil shavings and allows visibility of fill level.
4. **Power Cord Port:** Connects the sharpener to a power outlet.
5. **Suction Cups:** Four suction cups on the base provide stability during use.
6. **Helical Blade Assembly:** Internal sharpening mechanism.



Figure 1: AFMAT PSC4 Electric Pencil Sharpener (Green)

The sharpener features a durable helical blade designed for over 10,000 uses, offering 5 times longer blade life compared to standard sharpeners.

SUPER LONG BLADE LIFE



The image is a comparison graphic. At the top, a grey rounded rectangle contains a circular inset showing a worn, frayed metal blade. Below this inset, the text reads "2000 sharpening times or less" followed by "Others" in a large, bold font. To the right of this text is a black sharpener with a red 'X' over it. Below the grey rectangle is a larger, light-colored rounded rectangle. On the left, a circular inset shows a sharp, clean metal blade. Below this inset, the word "Ours" is written in a large, bold font. To the right of the inset is a green sharpener with a red handle and a transparent shavings bin. Below the green sharpener, a green checkmark is visible. To the right of the green sharpener, the text reads "• Up to **10,000** sharpening times" and "• 5X Longer Blade Life".

2000 sharpening times or less
Others

Ours

- Up to **10,000** sharpening times
- 5X Longer Blade Life

Figure 2: Comparison of blade life, highlighting the AFMAT sharpener's extended durability.

4. SETUP

1. **Unpack:** Carefully remove the sharpener and all accessories from the packaging.
2. **Placement:** Place the sharpener on a stable, flat surface. The four suction cups on the base will help secure it in place.
3. **Power Connection:** Plug the power adapter into the power cord port on the sharpener, then plug the adapter into a standard 120V 60Hz power outlet.
4. **Shavings Bin Check:** Ensure the transparent shavings bin is correctly and securely installed. The sharpener will not function if the bin is loose or removed.

5. OPERATING INSTRUCTIONS

Pencil Compatibility

The AFMAT PSC4 sharpener is designed to accommodate pencils with diameters ranging from ϕ 6.5mm to 10.5mm. This includes standard No.2 pencils, jumbo pencils, colored pencils (such as Prismacolor Premiers, Derwent, Faber-Castell), and pencils of various shapes (standard, oval, hexagonal).



Figure 3: The sharpener accommodates pencils from 6.5mm to 10.5mm in diameter, including various shapes.

Adjusting Sharpness Settings

The sharpener offers 5 adjustable sharpness settings. Rotate the dial on the top of the unit to select your desired tip:

- **Sharp Tip:** Ideal for fine detail work and precise lines.
- **Medium Tip:** Suitable for general writing, sketching, or everyday use.
- **Blunt Tip:** Recommended for shading, heavy use, or for soft-core pencils to prevent breakage.

5 SHARPNESS SETTINGS



Note: Please choose the bluntest setting for soft pencils.

Figure 4: Adjust the dial on top to choose from 5 different sharpness settings.

Sharpening a Pencil

1. **Select Sharpness:** Choose your desired sharpness setting using the dial.
2. **Insert Pencil:** Gently insert the pencil into the sharpening hole. The sharpener will automatically pull the pencil in.
3. **Automatic Sharpening:** The sharpener will begin sharpening. It takes approximately 3 seconds for a used pencil and up to 5 seconds for a new pencil to achieve a perfect point.
4. **Automatic Ejection:** Once the pencil is sharpened to the selected tip, the sharpener will automatically stop and eject the pencil. This prevents over-sharpening and minimizes pencil waste.

FULLY AUTOMATIC SHARPENING



10,000+
the blade is durable and
replacable, supporting
10,000+ sharpening times.

Figure 5: The sharpener offers fully automatic, hands-free operation, feeding and ejecting pencils.

HANDS-FREE FAST SHARPEN



Figure 6: Experience super fast sharpening, typically under 3 seconds for used pencils.

Official Product Video: How to Use

Your browser does not support the video tag.

Video 1: Official demonstration of the AFMAT Fully Automatic Pencil Sharpener for Classroom PSC4, showcasing its features and ease of use.

6. MAINTENANCE

Emptying the Shavings Bin

The AFMAT PSC4 features an extra-large, transparent shavings bin that rarely needs emptying. When it does, follow these steps:

1. **Unplug:** Disconnect the sharpener from the power outlet.
2. **Remove Bin:** Gently pull out the transparent shavings bin.

3. **Empty:** Dispose of the pencil shavings. For best results and to prevent spillage, gently shake the unit before removing the shavings box to settle any piled-up shavings.
4. **Reinstall:** Securely reinsert the shavings bin until it clicks into place. The sharpener will not operate if the bin is not properly installed.



Figure 7: The large capacity shavings bin is transparent for easy monitoring and features 4 suction cups for stability.

Cleaning the Blade Assembly

Over time, pencil dust or broken lead pieces may accumulate around the blade. Refer to the troubleshooting section for detailed instructions on clearing broken lead, which often involves cleaning the blade assembly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Sharpener does not operate.	Shavings compartment not securely closed.	Ensure the shavings compartment is securely closed. The sharpener has a safety mechanism that prevents operation if it's open.
Sharpener does not operate.	Blade round assembly is loose.	Ensure the blade round assembly is tightened clockwise.
Pencil is not sharpening or is ejected without sharpening.	Pencil is too short.	Pencils shorter than 79 mm (approx. 3.15 inches) cannot be sharpened and will be ejected automatically.
Uneven pencil tip.	Pencil core is off-center.	This is due to the pencil's manufacturing. The sharpener ensures optimal centering during sharpening for even tips with standard pencils.
Pencil lead breaks frequently, especially with colored pencils.	Incorrect sharpness setting for pencil type.	Use the blunt setting for soft-core pencils (e.g., many colored pencils) to prevent breakage. Avoid ultra-soft variants if breakage persists.
Sharpener jams or makes unusual noises.	Broken lead or debris inside the blade assembly.	Refer to the 'Clearing Broken Lead' instructions below.

Clearing Broken Lead

- 1. Insert Hard Pencil:** Insert a sharpened HB pencil with HARD lead into the sharpening hole.
- 2. Press Down Firmly:** Press down firmly and continue sharpening for a few seconds. The jamming lead should be discharged during this process.
- 3. Manual Removal (if needed):** If the lead is still not cleared, unplug the sharpener. Remove the shavings box. Open the blade round assembly (it may twist off or unclip depending on design), turn the sharpener upside down, and gently shake. Most broken pieces will fall out automatically.
- 4. Disassemble Blade (advanced):** If necessary, carefully disassemble the blade round assembly and use a tool (like a toothpick or a thin, non-metallic probe) to remove any remaining debris. Shaking the cutter during removal may help clear fragments. **Wear gloves or use a thick towel to protect your hands from the sharp blade.**
- 5. Reassemble:** When reassembling components, ensure all parts are properly aligned and securely tightened.

Official Product Video: Troubleshooting

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Video 2: Official troubleshooting guide for the Automatic Classroom Pencil Sharpener PSC4, including solutions for common issues.

8. SPECIFICATIONS

Feature	Detail
Model Number	PSC4GN

Feature	Detail
Brand	AFMAT
Color	Green
Material	Metal (blade), Plastic (housing)
Item Weight	1.94 pounds
Package Dimensions	9.37 x 6.26 x 4.61 inches
Pencil Diameter Compatibility	φ6.5-10.5 mm
Sharpness Settings	5 adjustable nib options
Blade Life	10,000+ uses
Features	Fully Automatic, Hands-Free, Auto-Stop, Auto-Eject, Large Shavings Bin, Suction Cups
Power Input	120V 60Hz (US version)
Target Audience	Artist, Student, Classroom, Office

9. WARRANTY AND SUPPORT

For any issues or further assistance, please contact our customer support team:

- **Email:** support@afmat.com
- **WhatsApp:** +1 (323) 961-7865

Please retain your purchase receipt for warranty purposes.