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- › AFMAT /
- › AFMAT Electric Pencil Sharpener Model PSC8 User Manual

AFMAT PSC8

AFMAT Electric Pencil Sharpener Model PSC8 User Manual

Fully Automatic, Rechargeable, Hands-Free Sharpening for 7-11.5mm Pencils

1. PRODUCT OVERVIEW

The AFMAT Electric Pencil Sharpener Model PSC8 is a fully automatic, rechargeable device designed for convenient and efficient pencil sharpening. It accommodates a wide range of pencil sizes and shapes, from 7mm to 11.5mm in diameter, including standard, jumbo, and colored pencils. Its hands-free operation, adjustable sharpness settings, and safety features make it suitable for various environments, including classrooms, art studios, and home use.



Figure 1: AFMAT Electric Pencil Sharpener Model PSC8 (Light Pink) with examples of 7mm, 9mm, and 11mm pencils.

2. SETUP INSTRUCTIONS

2.1 Charging the Sharpener

- Connect the provided USB cable to the sharpener's charging port.
- Plug the other end of the USB cable into a **5V 2A adapter** or a 5V USB port. (*Note: Adapter is not included. Fast-charge devices are not compatible.*)
- A full charge takes approximately 2 hours and provides up to 600 sharpenings. The sharpener can be used while charging.

2000mAh Rechargeable Battery



Figure 2: Charging the AFMAT Electric Pencil Sharpener. Ensure to use a 5V 2A adapter.

2.2 Securing the Shavings Tray

- Ensure the top lid, which covers the shavings tray, is securely fastened.
- You should hear a click to indicate it is locked. If not securely fastened, the sharpener may not operate correctly due to a built-in safety mechanism.

3. OPERATING INSTRUCTIONS

3.1 Hands-Free Sharpening

- Insert the pencil into the sharpening hole at the top of the device.
- The sharpener will automatically feed the pencil in, sharpen it, and eject it once a perfect tip is achieved.
- This hands-free operation is ideal for ease of use and keeps hands clean.

Fully Automatic Sharpening



Figure 3: Automatic pencil feeding and ejection for hands-free sharpening.

3.2 Pencil Compatibility

- The sharpener is designed for pencils with diameters between **7mm and 11.5mm**.
- It can sharpen various shapes of pencils, including standard, jumbo, and colored pencils.
- Pencils as short as 2.9 inches can be sharpened.



Figure 4: The sharpener accommodates pencils from 7mm to 11.5mm in diameter and various shapes.

3.3 Adjusting Sharpness Settings

- Rotate the gear located at the bottom of the sharpener to select one of three sharpness settings:
 - **Sharp Tip:** For fine detail work.
 - **Medium Setting:** Suitable for rough sketches or general writing.
 - **Blunt Tip:** Thick tip for shading or for children who apply heavy pressure.
- *Note: For soft-core pencils, use medium or blunt settings to prevent lead breakage. Not recommended for ultra-soft pencils.*



Figure 5: The sharpness dial at the bottom allows selection of sharp, medium, or blunt tips.

3.4 Child-Safe Design

- The sharpener incorporates safety features such as not operating when the lid is removed and overheat protection.
- The sharp blade is not exposed to users, enhancing safety for children.



Figure 6: Child-safe design features include non-working when lid is removed, overheat protection, and concealed blade.

4. MAINTENANCE

4.1 Emptying Shavings

- The sharpener has a large-capacity shavings tray.
- To empty, twist the top lid to the "open" position (indicated by an unlock icon).
- Lift the lid and the internal sharpening mechanism.
- Carefully dump the pencil shavings into a waste bin.
- Replace the sharpening mechanism and lid, ensuring it clicks into the locked position.

4.2 Blade Cleaning and Replacement

- The helical blade is durable and designed for long-lasting use (supporting over 4000 sharpening times).
- If sharpening performance decreases or the pencil core is off-center, the blade may need cleaning or replacement.
- To clean, remove the sharpening mechanism as described in 4.1. Use a small brush or pencil to gently clear

any jammed pencil waste from the blade.

- If the blade is old or damaged, it can be easily replaced. Replacement blades are sold separately.

Your browser does not support the video tag.

Video 1: Troubleshooting and Maintenance Guide for AFMAT PSC8. This video demonstrates how to remove the blade for cleaning and addresses common sharpening issues.

5. TROUBLESHOOTING

- **Pencil not sharpening to a sharp point:**

- Check if the pencil core is off-center.
- Ensure the shavings tray is not full and clear any jammed pencil waste from the blade (refer to Maintenance section 4.2).
- Consider replacing the blade if it is old or worn.

- **Sharpener stops working after prolonged use:**

- The sharpener has a safety feature that stops it after approximately 100 continuous uses to prevent overheating. Recharge the device to reactivate it.
- If the sharpener overheats, allow it to cool down for 15-30 minutes before resuming use.

- **Sharpener does not turn on:**

- Ensure the device is charged.
- Verify that the top lid is securely fastened and clicked into the locked position.

Your browser does not support the video tag.

Video 2: Demonstration of the Fully Automatic Pencil Sharpener PSC8. This video illustrates the hands-free sharpening process.

6. SPECIFICATIONS

Feature	Detail
Brand	AFMAT
Model Number	PSC8
Item Weight	1.34 pounds
Package Dimensions	8.07 x 4.06 x 4.02 inches
Material Type	Metal, Plastic
Power Source	Rechargeable Battery
Battery Capacity	2000mAh
Charging Time	Approx. 2 hours
Uses per Charge	Up to 600 sharpenings
Pencil Diameter Compatibility	7-11.5mm
Sharpness Settings	3 (Sharp, Medium, Blunt)

7. WARRANTY AND SUPPORT

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

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