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› AFMAT Rechargeable Long Point Pencil Sharpener (Model PS-B06) User Manual

## AFMAT PS-B06

# AFMAT Rechargeable Long Point Pencil Sharpener (Model PS-B06) User Manual

Model: PS-B06 | Brand: AFMAT

## 1. INTRODUCTION

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This manual provides instructions for the safe and effective use of your AFMAT Rechargeable Long Point Pencil Sharpener, Model PS-B06. This electric sharpener is designed for artists, offering precise sharpening for various art pencils with adjustable nib styles.



Image 1.1: AFMAT Rechargeable Long Point Pencil Sharpener with example sharpened pencils.

## 2. PRODUCT OVERVIEW

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### Key Features

- **Super Long Point Sharpening:** Designed for art pencils (6-8.5mm diameter), including sketching, drawing, charcoal, and graphite pencils (e.g., Prismacolor, Derwent, STAEDTLER).
- **Three Adjustable Nib Styles:** Offers three sharpening effects, producing nib lengths from 8mm to 25mm.
- **Rechargeable Battery:** Features a built-in 2000 mAh lithium battery, providing approximately 300 uses

per 1-hour charge.

- **Heavy-duty Helical Blade:** Made of high-strength stainless steel, designed for durability and capable of approximately 3000 sharpening cycles.
- **Automatic Stop Function:** Stops sharpening automatically once a pencil reaches an optimal point.
- **Large Capacity Shavings Box:** Top-open lid and spacious design for easy cleaning.
- **LED Indicators:** Four LED lights display the battery charging level.

### 3. SETUP

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#### Charging the Device

Before initial use, fully charge the sharpener. The sharpener features a built-in 2000 mAh lithium battery. It can be charged using the provided USB cable.

1. Connect the USB cable to the charging port on the sharpener.
2. Plug the other end of the USB cable into a laptop or a compatible USB power adapter (adapter not included).
3. The four LED indicators will illuminate to show the battery charging level. A full charge typically takes about 1 hour.
4. Once fully charged, the sharpener can be used approximately 300 times.



#### 4. OPERATING INSTRUCTIONS

## Inserting a Pencil

To begin sharpening, gently insert a pencil into the sharpening hole.



Image 4.1: A hand inserting a pencil into the sharpener's opening.

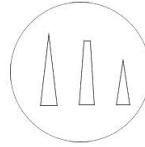
## Adjusting Nib Styles

The sharpener offers three adjustable pencil nib styles. Rotate the knob on the top of the sharpener to select your desired effect:

- **Long and Blunt Nib:** Twist the top adjuster clockwise.
- **Short and Sharp Nib:** Twist the top adjuster anticlockwise.
- **Long and Sharp Nib:** First, twist anticlockwise for a short, sharp nib. Then, switch to the other hole and twist clockwise.

## Dual Hole Design

Rotate the knob according to the arrow until it does not move to choose short or long sharpening effect.



### 3 Sharpening Effects



- ① **Short hole:**  
Nib Length: 8–15mm  $\phi$ 0.6mm



- ② **Long hole:**  
Nib Length: 18–25mm  $\phi$ 1mm



- ③ **Short hole+Long hole:**  
Nib Length: 18–25mm  $\phi$ 0.6mm  
(Short Hole first, then change to Long Hole.)

Image 4.2: Diagram showing the dual-hole design and the three distinct sharpening effects (short, long, and combined long sharp nibs).

## Long Nib (blunt)



## Short Nib (sharp)



Image 4.3: Visual comparison of a pencil sharpened to a long, blunt nib versus a short, sharp nib.



Image 4.4: Close-up view of the top adjuster knob for selecting nib styles.

### Automatic Sharpening

The sharpener will automatically start when a pencil is inserted and gently pressed down. It will cease operation once the pencil reaches an optimal point. Avoid applying excessive pressure during sharpening.

## Auto Start & Auto Stop



Image 4.5: Demonstration of the auto-start feature upon pencil insertion and auto-stop when sharpening is complete.

### Compatible Pencils

This sharpener is suitable for pencils with a diameter of 6-8.5mm, including:

- Sketch Pencils (3H-8B)
- Charcoal Pencils (Soft, medium, hard)
- Graphite Pencils (e.g., Staedtler 2B-8B)

**Important:** Do not sharpen crayons, chalk, pastel, wax-based pencils, eyebrow pencils, or ultra-soft core charcoal/colored pencils, as these materials can jam the blade and cause damage.

## Suitable for 6–8mm Graphite Drawing Pencils



Image 4.6: Examples of compatible pencils, including sketch, charcoal, and graphite pencils.

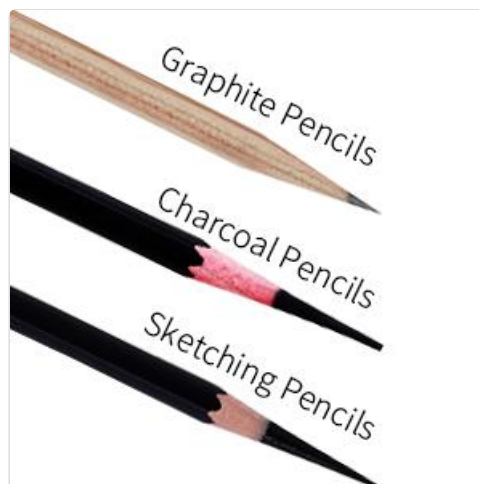


Image 4.7: Close-up of various pencil types suitable for sharpening.

## 5. MAINTENANCE

### Emptying Shavings

The sharpener features a large-capacity shavings box. To empty it:

1. Rotate the top lid anticlockwise to open it.
2. Carefully remove the shavings box.
3. Empty the pencil shavings into a waste receptacle.
4. Reinsert the shavings box and rotate the lid clockwise to secure it.

## Top Open Design

Rotate anticlockwise to open the lid



## Large Capacity Shavings Box

Rarely needs emptying

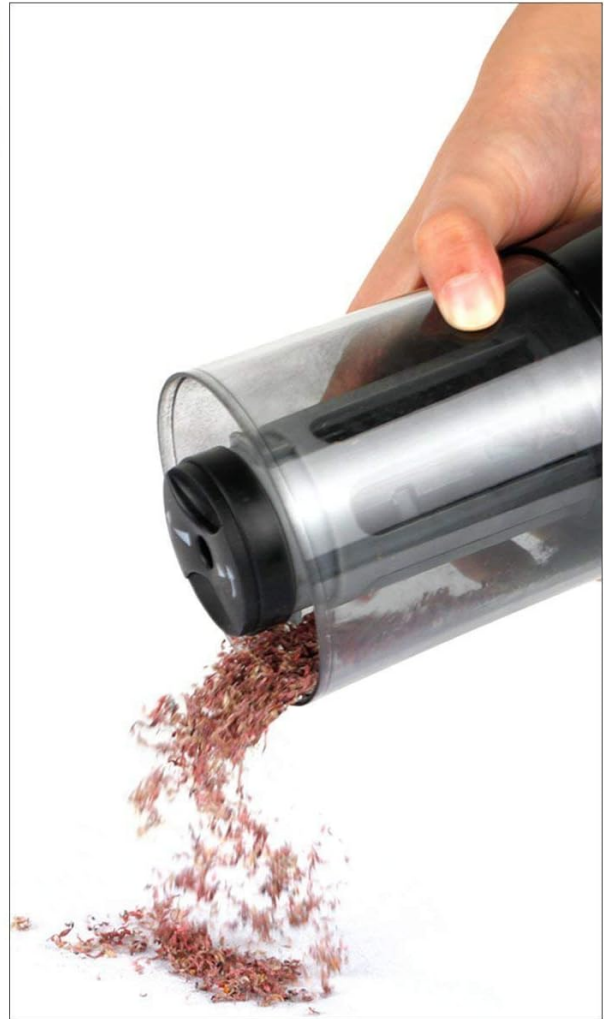


Image 5.1: Illustration of opening the top lid and the large capacity shavings box.

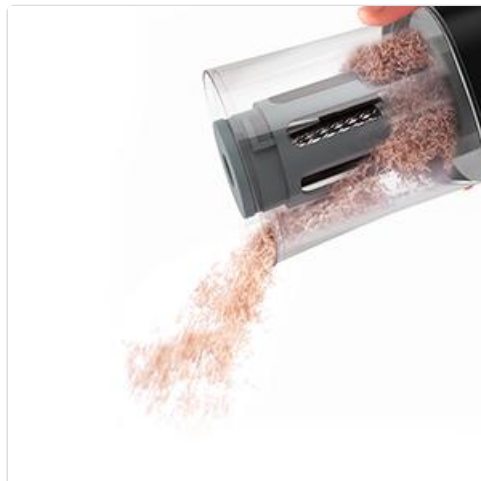


Image 5.2: A hand demonstrating how to empty the pencil shavings from the sharpener.

## Clearing Broken Leads

If broken leads become stuck in the sharpening hole:

- Re-insert a hard graphite pencil, such as a No. 2 pencil.
- Press the pencil down with approximately 2 KG of pressure. The broken leads should be automatically ejected.

## 6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Sharpener does not start.	Low battery or not properly inserted pencil.	Charge the sharpener. Ensure the pencil is inserted correctly and pressed down gently.
Pencil lead breaks frequently.	Excessive pressure, incompatible pencil type, or broken lead stuck.	Reduce pressure. Ensure pencil is within 6-8.5mm diameter and not an ultra-soft type. Clear any broken leads as per maintenance section.
Pencil is not sharpening to a fine point.	Incorrect nib style selected or dull blade.	Adjust the top knob to the desired nib style. If the blade is dull after extensive use (approx. 3000 cycles), consider replacing the sharpener.
Shavings box is difficult to remove/insert.	Misalignment.	Ensure the shavings box is aligned correctly with the sharpener body before rotating the lid.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	PS-B06
Brand	AFMAT
Power Source	Battery Powered (1 Lithium Ion battery required)
Battery Capacity	2000 mAh
Charging Time	Approx. 1 hour
Uses Per Charge	Approx. 300 times
Blade Type	Heavy-duty Helical Blade (Stainless Steel)
Blade Lifespan	Approx. 3000 sharpening cycles
Compatible Pencil Diameter	6-8.5mm
Nib Length Range	8mm to 25mm
Item Weight	1.3 pounds
Product Dimensions	7 x 3.5 x 3.5 inches
Color	Electric Art Pencil Sharpener (Blue accents)

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the documentation included with your purchase or contact AFMAT customer service directly. Contact details can typically be found on the manufacturer's official website or through your retailer.