

AVID POWER AEP127

AVID POWER AEP127 6-inch Dual Action Buffer Polisher Instruction Manual

Model: AEP127

1. INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your AVID POWER AEP127 6-inch Dual Action Buffer Polisher. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury or damage.

2. SAFETY INFORMATION

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear appropriate safety gear:** Always use eye protection, hearing protection, and gloves.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Avoid dangerous environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Secure workpiece:** Always clamp or secure the item being worked on to prevent movement.
- **Maintain proper footing and balance:** Do not overreach.
- **Disconnect power:** Always unplug the tool before making adjustments, changing accessories, or storing it.
- **Use the right tool:** Do not force a small tool or attachment to do the job of a heavy-duty tool.
- **Inspect tool and accessories:** Before each use, check for damaged parts, misalignment, or any condition that may affect operation.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x AVID POWER Dual Action Buffer Polisher
- 3 x Polishing Pads (various grades)
- 1 x Pad Disc (Backing Plate)

- 1 x Detachable D Handle
- 1 x Spanner
- 1 x Hex Wrench
- 1 x User Manual



Image: AVID POWER Dual Action Buffer Polisher and its accessories.

4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main parts of your AVID POWER polisher:

Adjustable Auxiliary Handle

ON/OFF Button

Rubberized Body



Backing Plate

Variable Speed Control

Image: Key components of the AVID POWER Polisher.

- **Adjustable Auxiliary Handle:** Provides additional grip and control.
- **ON/OFF Button:** Controls power to the unit.
- **Rubberized Body:** Enhances grip and reduces vibration.
- **Variable Speed Control Dial:** Adjusts the rotation speed from 1 to 6.
- **Backing Plate:** The circular base where polishing pads are attached.

5. SETUP

Follow these steps to prepare your polisher for use:

1. **Attach the Auxiliary Handle:** Secure the detachable D-handle to the polisher body using the provided hex wrench. Ensure it is tightened firmly for stability.

2. **Select and Attach Polishing Pad:** Choose the appropriate foam pad for your task (e.g., cutting, polishing, waxing). Align the pad with the backing plate and press firmly to engage the hook-and-loop (Velcro) attachment.
3. **Inspect Power Cord:** Ensure the power cord is free from damage before plugging into an appropriate 120V power outlet.



Image: Types of foam pads and their applications.

6. OPERATING INSTRUCTIONS

The AVID POWER AEP127 polisher features a dual-action random orbital motion, which minimizes the risk of paint damage and swirl marks compared to traditional rotary polishers.

6.1 Variable Speed Control

The polisher features a 6-speed control dial, allowing you to adjust the RPM (rotations per minute) from 1500 to 6800. Select the speed according to the task:

- **Speed 1-2 (Low):** Ideal for waxing and buffing.
- **Speed 3-4 (Medium):** Suitable for polishing and cleaning.
- **Speed 5-6 (High):** Recommended for removing paint defects and oxidation.

6 Variable Speeds



Image: Variable speed control dial and recommended settings.

6.2 Application Techniques

1. **Prepare the Surface:** Ensure the surface is clean and dry. For automotive applications, wash and decontaminate the vehicle thoroughly.
2. **Apply Product:** Apply a small amount of compound, polish, or wax directly to the foam pad or the work surface.
3. **Start Polisher:** Place the pad flat on the surface before turning the polisher ON to prevent product sling. Start at a low speed and gradually increase as needed.

4. **Work in Sections:** Work on small sections (e.g., 2x2 feet) at a time, using overlapping passes. Maintain consistent pressure and movement.
5. **Maintain Pad Contact:** Keep the pad flat against the surface to ensure even application and prevent uneven results.
6. **Turn Off Polisher:** Lift the polisher from the surface only after turning it OFF.

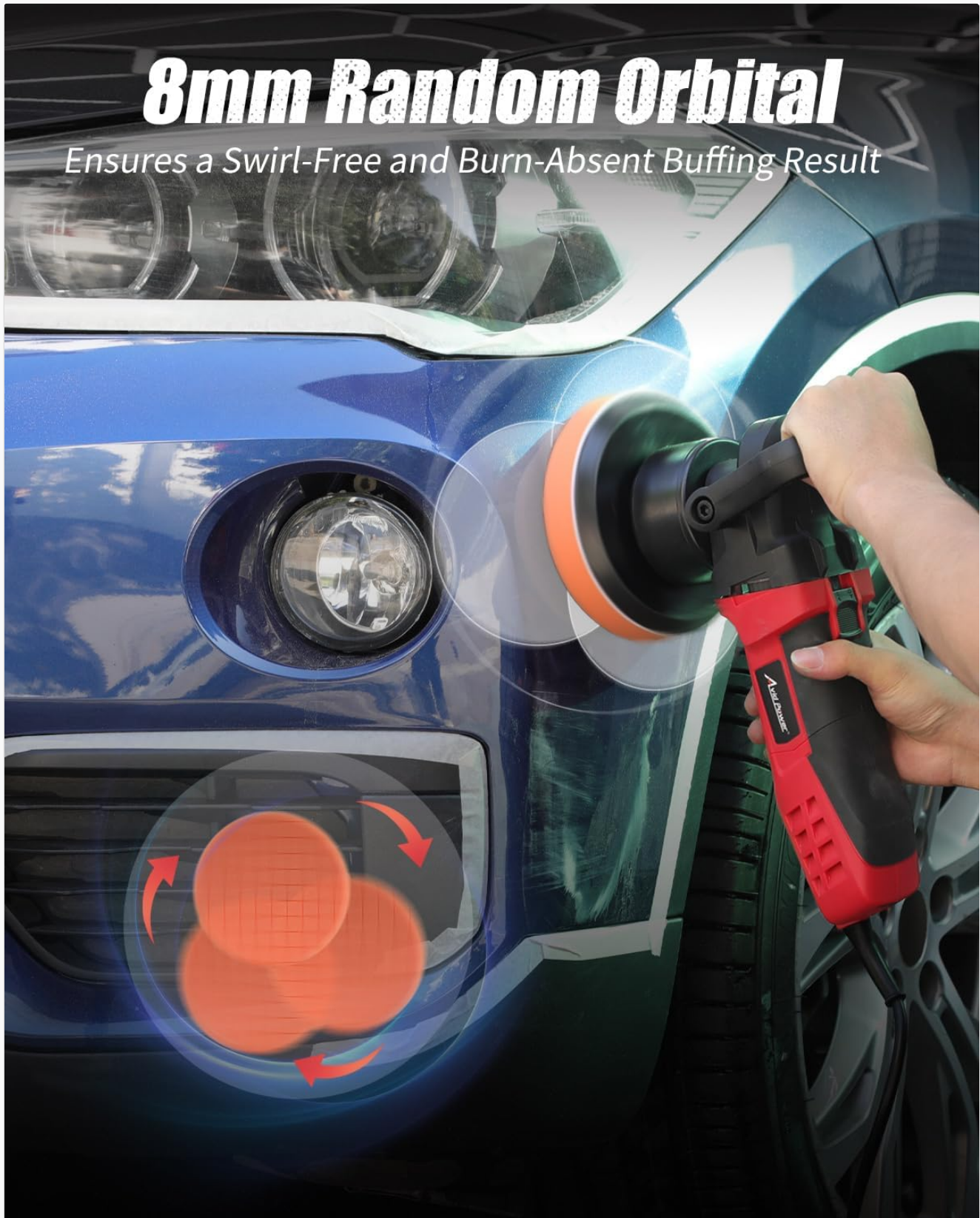


Image: Dual action random orbital motion for swirl-free results.

6.3 Wide Applications

The AVID POWER polisher is versatile and can be used on various surfaces:

- **Automotive:** Ideal for car detailing, removing swirls, scratches, and oxidation from painted vehicles.
- **Marine:** Suitable for polishing yachts and other marine vessels.
- **Household:** Can be used for polishing marble tabletops or other smooth surfaces.
- **Other:** Also effective for sanding wood or metal surfaces with appropriate attachments.

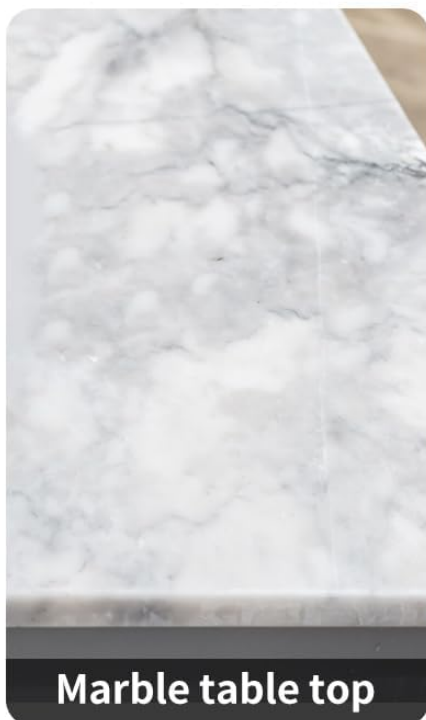
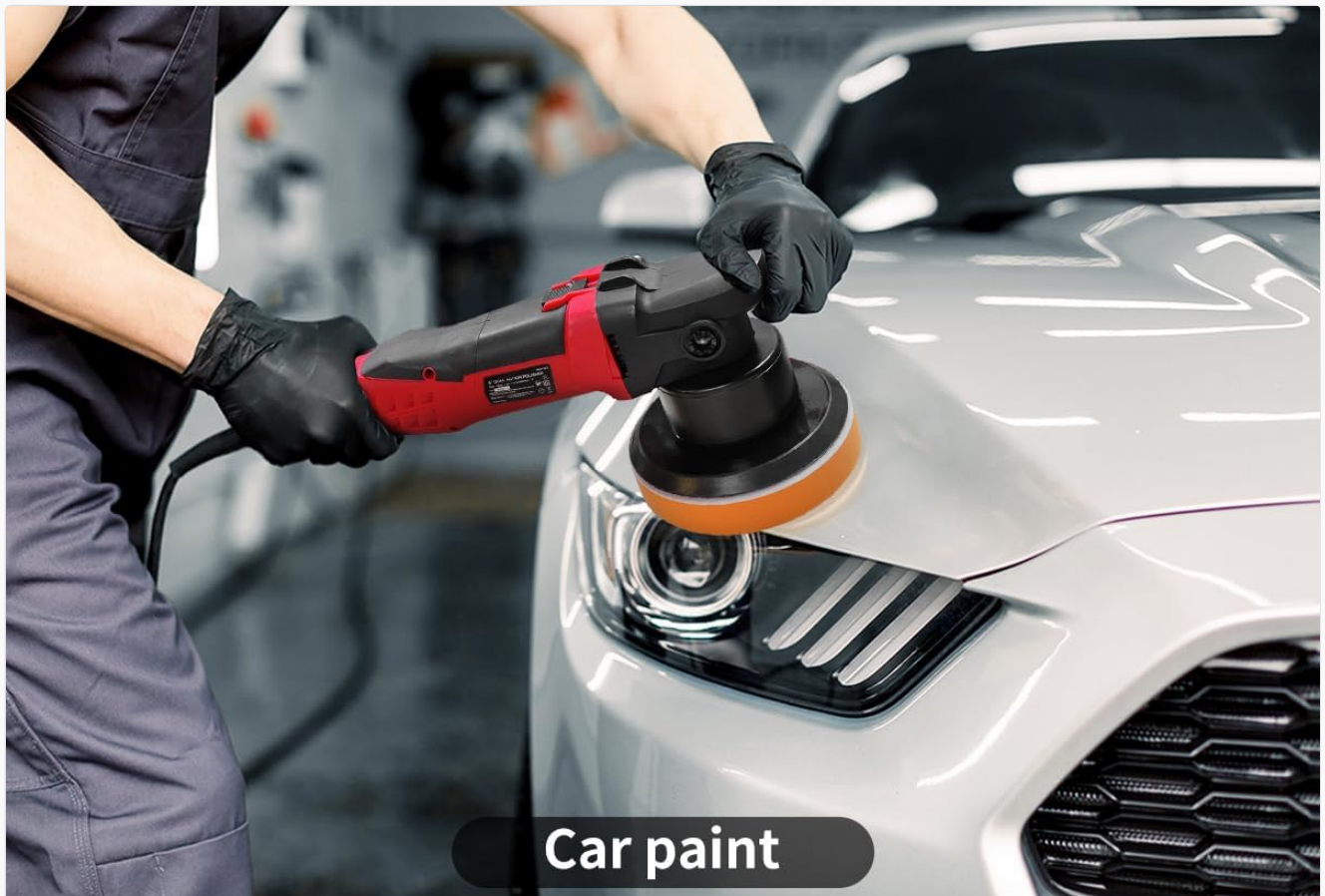


Image: Examples of surfaces suitable for the polisher.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your polisher.

- **Cleaning:** After each use, wipe down the polisher body with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Pad Care:** Clean polishing pads immediately after use. Rinse foam pads with warm water and a mild detergent, then allow them to air dry completely. Store pads in a clean, dry place.
- **Carbon Brushes:** The motor uses carbon brushes which may wear out over time. Refer to the included spare brushes for replacement if the tool experiences reduced power or intermittent operation. Consult a qualified technician if unsure.
- **Cord Inspection:** Periodically inspect the power cord for any signs of damage, cuts, or fraying. Replace damaged cords immediately.
- **Storage:** Store the polisher in a dry, secure location, out of reach of children.

8. TROUBLESHOOTING

If you encounter issues with your AVID POWER polisher, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Polisher does not start	No power supply; Damaged power cord; Faulty ON/OFF switch; Worn carbon brushes.	Check power outlet and cord; Replace power cord if damaged; Contact customer support for switch replacement; Replace carbon brushes.
Reduced power or intermittent operation	Worn carbon brushes; Overload; Loose connections.	Replace carbon brushes; Reduce pressure on the tool; Check all connections.
Excessive vibration or noise	Loose pad or backing plate; Damaged internal components.	Ensure pad and backing plate are securely attached; Discontinue use and contact customer support if problem persists.
Pad detaches during use	Worn hook-and-loop (Velcro) on pad or backing plate; Incorrect pad attachment.	Replace worn pads or backing plate; Ensure pad is firmly pressed onto the backing plate.

If the issue persists after attempting these solutions, please contact AVID POWER customer support.

9. SPECIFICATIONS

Key technical specifications for the AVID POWER AEP127 Dual Action Buffer Polisher:

- **Model Number:** AEP127
- **Power Source:** Corded Electric
- **Voltage:** 120 Volts
- **Amperage:** 5 Amps
- **Wattage:** 600 Watts
- **Speed:** 1500 - 6800 RPM (Variable 6-Speed Control)
- **Item Weight:** 4.87 pounds
- **Product Dimensions:** 7.28 x 2.75 x 4.92 inches

- **Cord Length:** 9.8ft (3 m)
- **Orbital Diameter:** 8mm
- **Included Components:** Polisher, 3 Polishing Pads, 1 Pad Disc, 1 Detachable D Handle, 1 Spanner, 1 Hex Wrench, User Manual
- **Material:** Acrylonitrile Butadiene Styrene (ABS), Metal



Image: Illustrating the 600W motor power.

10. WARRANTY AND SUPPORT

AVID POWER offers a comprehensive warranty for its products.

- **Standard Warranty:** Your AVID POWER AEP127 polisher comes with a 2-year warranty from the date of purchase.
- **Extended Warranty:** Register your product to receive an additional 6 months of warranty coverage, extending your total warranty period to 2.5 years.
- **Customer Support:** For warranty claims, technical assistance, or any product-related inquiries, please contact AVID POWER customer service. Refer to the contact information provided on the product packaging or the official AVID POWER website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question