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Enventor 98606

ENVENTOR 20V Cordless Oscillating Multitool User Manual

Model: 98606

1. Introduction

Thank you for choosing the ENVENTOR 20V Cordless Oscillating Multitool. This versatile tool is designed for a wide range of applications including sawing, cutting, sanding, scraping, dressing, and grinding various materials. Featuring a powerful brushless motor, variable speed control, and a quick-change accessory system, this tool provides efficiency and precision for your projects. Please read this manual thoroughly before operation to ensure safe and effective use.

2. Safety Information

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

General Power Tool Safety Rules

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating the tool for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

Specific Safety Rules for Oscillating Multitools

- Hold power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring.
- Always ensure the workpiece is securely clamped or stabilized before cutting or sanding.
- Be aware of kickback. Maintain a firm grip on the tool and position your body and arm to allow you to resist kickback

forces.

- Do not touch the accessory immediately after operation as it may be extremely hot.

3. Package Contents

The ENVENTOR 20V Cordless Oscillating Multitool kit includes the following items:

- 1 x ENVENTOR 20V Cordless Oscillating Multitool (Brushless)
- 1 x 20V 2.0Ah Lithium-ion Battery
- 1 x Fast Charger
- 4 x Open Wood Plastic Saw Blades
- 2 x Open Type Semicircular Wood Plastic Saw Blades
- 1 x Quick-Release Blade
- 1 x 90*90*90mm Triangular Sanding Pad
- 20 x Sandpapers (with holes)
- 1 x Tool Bag



Image: Complete ENVENTOR 20V Cordless Oscillating Multitool kit, showing the tool, battery, charger, various blades, sanding pad, sandpapers, and storage bag.

4. Product Overview

Familiarize yourself with the components of your oscillating multitool:



Image: Diagram illustrating the key components of the multitool, including the 20V Lithium-ion Battery, Comfortable Rubber Handle, ON/OFF Switch, Locking Lever, 6-Speed Transmission, Ventilation Slots, and Tool Holder.



Image: Detail view of the tool's side, highlighting the 6-speed adjustment dial and indicating a maximum speed of 19500

RPM for variable sanding needs.



Image: Visual representation of the 4-degree oscillating angle, showing the blade moving rapidly back and forth within this small arc.

5. Setup

Battery Charging

The 20V Lithium-ion battery requires charging before first use and after each period of use. Connect the fast charger to a standard power outlet and insert the battery. The charger is designed to reduce charging time to approximately 1 hour.

Attaching Accessories

The ENVENTOR multitool features a quick-change accessory system for easy blade and accessory installation. Follow these steps:

1. **Unlock:** Lift the quick locking lever on the front of the tool to a 180° position.
2. **Insert:** Align the accessory (blade or sanding pad) with the tool holder and slide it into place.
3. **Lock:** Push the quick locking lever back down to secure the accessory firmly. Ensure the accessory is fully seated and locked before operation.



Image: Visual steps demonstrating how to unlock the lever, insert an accessory, and lock the lever to secure the accessory on the multitool.

6. Operating Instructions

Powering On/Off

To turn the tool ON, slide the ON/OFF switch forward. To turn the tool OFF, slide the switch backward.

Adjusting Speed

The multitool features 6 variable speed levels, ranging from 12000 to 19500 Oscillations Per Minute (OPM). Rotate the speed wheel located on the side of the tool to select the desired speed. Higher speeds are suitable for metal cutting, while lower speeds are ideal for detail sanding.

Applications

The ENVENTOR 20V Cordless Oscillating Multitool is suitable for a variety of tasks:

- **Cutting:** Use appropriate blades for cutting wood, plastic, drywall, and soft metals.
- **Sanding:** Attach the triangular sanding pad and sandpaper for detail sanding, surface preparation, and material removal.
- **Scraping:** Utilize scraping blades for removing old paint, adhesive, caulk, or flooring.
- **Grinding:** Specific accessories can be used for grinding tasks.



Image: A collage of four images demonstrating the multitool's versatility, including cutting wood, scraping material from a wall, cutting into drywall, and sanding a surface.

7. Maintenance

- **Cleaning:** Regularly clean the tool's ventilation slots to prevent overheating. Use a soft, damp cloth to wipe down the tool. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Care:** Inspect blades and sanding pads before each use for wear or damage. Replace worn accessories to ensure optimal performance and safety.
- **Storage:** Store the tool, battery, and accessories in the provided tool bag in a dry, secure location away from direct sunlight and extreme temperatures.
- **Battery Maintenance:** Store batteries in a cool, dry place. For long-term storage, charge the battery to approximately 50% capacity.

8. Troubleshooting

If you encounter issues with your ENVENTOR Oscillating Multitool, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly inserted into the tool.
Reduced power or performance	Battery charge is low; accessory is dull or worn.	Recharge the battery; replace the accessory.

Problem	Possible Cause	Solution
Excessive vibration or noise	Accessory not properly secured; damaged accessory.	Ensure accessory is locked firmly in place; replace any damaged accessories.
Tool overheats	Ventilation slots blocked; continuous heavy use.	Clean ventilation slots; allow tool to cool down during prolonged use.

9. Specifications

Feature	Specification
Model Number	98606
Voltage	20 Volts
Motor Type	Brushless
Speed (OPM)	12000-19500 RPM (Variable Speed)
Oscillation Angle	4°
Item Weight	4.86 pounds
Product Dimensions	13.61 x 5 x 5.97 inches
Battery Type	Lithium Ion

10. Warranty and Support

Enventor is committed to providing quality products and excellent customer service. For any questions, concerns, or issues regarding your ENVENTOR 20V Cordless Oscillating Multitool, please contact our customer support team. We aim to provide kind service and assist you with any problems encountered during the use of our products.
Please refer to your purchase documentation for specific warranty details and contact information.

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