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VEVOR 710W Wood Trimmer

VEVOR 710W Electric Wood Router User Manual

Model: 710W Wood Trimmer | Brand: VEVOR

Introduction Safety Instructions Product Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the VEVOR 710W Electric Wood Router. This versatile tool is designed for a wide range of woodworking tasks, including wood grooving, edge forming, and wood carving. It is suitable for both home and industrial use. Please read this manual carefully before operation to ensure safe and efficient use of the product.



Image 1.1: The VEVOR 710W Electric Wood Router, a powerful handheld tool for various woodworking applications.

2. Safety Instructions

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

- **Read all instructions:** Familiarize yourself with the tool's operation and safety guidelines.
- **Wear appropriate safety gear:** Always use eye protection, hearing protection, and a dust mask.
- **Secure workpiece:** Ensure the material being routed is firmly clamped to prevent movement during operation.
- **Maintain a clean work area:** Cluttered areas and benches invite accidents.
- **Avoid dangerous environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Keep children away:** All visitors should be kept at a safe distance from the work area.
- **Store idle tools:** When not in use, tools should be stored in a dry, high, or locked-up place, out of reach of children.
- **Do not force tool:** It will do the job better and safer at the rate for which it was designed.
- **Use the right tool:** Do not force a small tool or attachment to do the job of a heavy-duty tool.
- **Check for damaged parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
- **Disconnect power:** Always disconnect the tool from the power source before changing accessories, making adjustments, or performing maintenance.

3. Product Overview

The VEVOR 710W Electric Wood Router is a robust and versatile tool designed for precision woodworking. It features a powerful 710W copper motor and a variable speed control dial for optimal performance across different materials and tasks. The router is compatible with various bases, including fixed and plunge bases, to enhance its functionality.



Image 3.1: The VEVOR Electric Wood Router shown with its versatile base options, including fixed, plunge, and tilt bases, allowing for diverse woodworking applications.

3.1 Key Features

- **Powerful 710W Copper Motor:** Ensures efficient and durable performance.

- **Variable Speed Control:** Adjustable from 13000 to 33000 RPM for precise control over different materials.
- **Smooth Depth Adjustment:** Allows for accurate and fine depth settings.
- **Soft Start Function:** Gradually increases motor speed to prevent sudden jolts and overcurrents.
- **Quick Lock System:** Facilitates easy depth adjustment and quick base changes.
- **Ergonomic Design:** Features a comfortable grip and a dust extraction nozzle for a cleaner workspace.
- **Durable Construction:** Aluminum alloy housing for long-term reliability and efficient heat dissipation.

3.2 Included Accessories

The router comes with essential accessories to get you started:

- 1 x Electric Wood Router
- 1 x Accessory Set (includes 6mm and 8mm router bits, curve guide, protection cover, and collets)



Image 3.2: Included accessories for the VEVOR Electric Wood Router, featuring a curve guide, protection cover, and common router bit sizes (6mm and 8mm).

4. Setup

4.1 Attaching a Base

The VEVOR router is designed for use with various bases. To attach a base:

1. Ensure the router is unplugged from the power source.
2. Align the router motor with the desired base (e.g., fixed, plunge, or tilt base).
3. Secure the motor into the base using the quick lock system or fastening screws, depending on the base type. Ensure it is firmly seated and locked.

4.2 Installing a Router Bit

1. Ensure the router is unplugged.
2. Loosen the collet nut using the provided wrench.
3. Insert the desired router bit (6mm or 8mm) into the collet, ensuring it is fully seated but not bottomed out.
4. Tighten the collet nut firmly with the wrench. Do not overtighten.

5. Operation

5.1 Powering On and Off

- To turn on the router, press the power switch to the "ON" position. The soft start function will gradually bring the motor up to speed.
- To turn off, press the power switch to the "OFF" position.

5.2 Adjusting Speed

The router features a variable speed control dial (13000-33000 RPM). Rotate the dial to select the appropriate speed for your material and router bit. Lower speeds are generally used for larger bits and harder materials, while higher speeds are suitable for smaller bits and softer materials.



Image 5.1: Close-up of the VEVOR Electric Wood Router highlighting the variable speed control dial and the rack-and-pinion depth adjustment system for precise operation.

5.3 Setting Depth

The smooth depth adjustment system allows for precise control over cutting depth.

1. Loosen the depth adjustment lock.
2. Lower or raise the router until the bit touches the workpiece at the desired depth.
3. Use the fine adjustment knob (if available on your base) for precise settings.
4. Tighten the depth adjustment lock firmly before starting the router.



Image 5.2: The quick lock system on the VEVOR Electric Wood Router, enabling smooth and simple depth adjustments and base changes.

5.4 Routing Techniques

Always make multiple shallow passes rather than one deep pass, especially with harder woods or larger bits. This reduces strain on the motor and bit, and provides a cleaner cut.



Image 5.3: Examples of woodworking applications for the VEVOR Electric Wood Router, including wood carving, edge forming, and general DIY projects.

6. Maintenance

6.1 Cleaning

- Always unplug the router before cleaning.
- Use a soft brush or compressed air to remove sawdust and debris from the motor vents and collet area.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals or solvents.
- Regularly empty the dust collection bag or clear the dust extraction nozzle to maintain efficiency.



Image 6.1: The ergonomic design of the VEVOR Electric Wood Router, featuring a dust extracting nozzle for a cleaner work environment.

6.2 Bit Care

- Keep router bits sharp and clean. Dull bits can cause kickback and poor cut quality.
- Store bits in a protective case to prevent damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Router does not start	No power supply; Faulty switch; Overload protection activated.	Check power connection; Test switch; Unplug and allow to cool, then restart.
Poor cut quality / Burning wood	Dull bit; Incorrect speed setting; Feeding too fast.	Replace or sharpen bit; Adjust speed (usually higher for burning); Reduce feed rate.
Excessive vibration	Loose bit; Damaged bit; Unbalanced bit.	Ensure bit is securely tightened; Replace damaged bit; Use balanced bits.
Router stops during operation	Overload; Motor overheating.	Reduce load; Allow motor to cool down. Ensure proper ventilation.

8. Specifications

Feature	Specification
Brand	VEVOR
Model Number	710W Wood Trimmer
Power	710 W
Voltage	220 V
Frequency	50 HZ
Speed Range	13000-33000 RPM
Amperage	3.23 A
Base Type	Compatible with Fixed, Plunge, and Tilt Bases (specific bases included may vary by package)
Product Dimensions (L x H)	9 cm x 20 cm (approximately 3.54 in x 7.87 in)
Item Weight	4.55 kg (10.03 lbs)
Housing Material	Aluminum Alloy
Included Components	1 x Electric Wood Router, 1 x Accessory Set



Image 8.1: Dimensional diagram of the VEVOR Electric Wood Router and its compatible bases, showing key measurements.

9. Warranty & Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase.
VEVOR Official Website: www.vevor.com

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