

TEENO TEENO-1026-BMC

TEENO Electric Wood Router and Trimmer 650W, Model TEENO-1026-BMC - User Manual

Model: TEENO-1026-BMC

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your TEENO Electric Wood Router and Trimmer, Model TEENO-1026-BMC. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The TEENO Electric Wood Router is a versatile power tool designed for various woodworking tasks such as trimming, routing, chamfering, grooving, and pattern processing on wood, plastic panels, and wood veneer. It features a powerful 650W motor, variable speed control, and comes with a set of 12 router bits.

2. SAFETY INSTRUCTIONS

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep the 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. Power tools create sparks which may ignite the dust or fumes. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries. Prevent unintentional

starting. Ensure the switch is in the off-position before connecting to power source, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users. Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, please contact customer support.

- 1 x TEENO Electric Wood Router and Trimmer
- 1 x Straight Guide
- 1 x Curved Edge Guide
- 1 x Lever
- 12 x Router Bits (1/4" Shank)
- 2 x Collets (6mm, 6.35mm - 6.35mm pre-installed)
- 2 x Carbon Brushes (replacement)
- 2 x Wrenches
- 1 x Plastic Carrying Case
- 1 x Instruction Manual



Image: TEENO Electric Wood Router and its complete accessory kit, including router bits, guides, wrenches, and a carrying case.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your TEENO Electric Wood Router:



SPECIFICATION



Tension d'alimentation :
110V-240V



Vitesse à vide :
15000-32000



Puissance :
650W

Image: Labeled diagram of the TEENO Electric Wood Router, highlighting the variable speed dial, ON/OFF switch, replaceable carbon brush access, clear depth scale, depth adjustment knob, comfortable soft-grip handles, and transparent base.

- **Variable Speed Dial:** Adjusts the rotation speed of the router bit.
- **ON/OFF Switch:** Powers the tool on and off.
- **Replaceable Carbon Brush Access:** Allows for easy replacement of carbon brushes.
- **Clear Depth Scale:** Provides precise depth measurement for routing.
- **Depth Adjustment Knob:** Used to set the desired routing depth.
- **Comfortable Soft-Grip Handles:** Ensures a secure and comfortable grip during operation.
- **Transparent Base:** Offers clear visibility of the workpiece and router bit during operation.
- **Heat Dissipation Vents:** Designed to prevent overheating during extended use.

5. SETUP

5.1 Installing Router Bits

1. Ensure the router is unplugged from the power source.
2. Press and hold the spindle lock button (if present) or use the provided wrenches to loosen the collet nut.

3. Insert the desired router bit into the collet, ensuring it is inserted at least two-thirds of the shank length to provide a secure grip.
4. Tighten the collet nut firmly using the wrenches. Do not overtighten.

Installer la fraise



(clé double)
pour fixer et desserrer
le mandrin

A



Installer la
fraise

B



(clé double)
pour fixer et
verrouiller le mandrin

C

Image: Step-by-step illustration showing how to install a router bit using two wrenches to secure the collet.

5.2 Adjusting Routing Depth

1. Place the router on a flat surface with the bit touching the surface.
2. Loosen the depth adjustment knob.
3. Lower or raise the motor housing until the desired depth is indicated on the clear depth scale.
4. Tighten the depth adjustment knob securely to lock the depth in place.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Off

- To turn on the router, slide the ON/OFF switch to the 'ON' position.
- To turn off the router, slide the ON/OFF switch to the 'OFF' position.

Conception de dissipation de chaleur

Refusez de brûler.
dites adieu aux mains chaudes



Bouton de levage et calibrage clair

S'ajuste rapidement à n'importe quelle hauteur
selon les besoins, facile à utiliser



Démarrage par bouton

Fonctionnement à une main, rapide et pratique



6 vitesses de réglage

La vitesse maximale peut
atteindre 3200r/min, et la vitesse peut être
réglée rapidement et librement selon les besoins



Image: Detail showing the ON/OFF switch and the variable speed dial on the TEENO router.

6.2 Adjusting Speed

The router features a 6-speed variable control dial (15,000-32,000 RPM). Adjust the speed according to the material and the type of router bit being used. Lower speeds are generally suitable for larger bits and harder materials, while higher speeds are for smaller bits and softer materials.

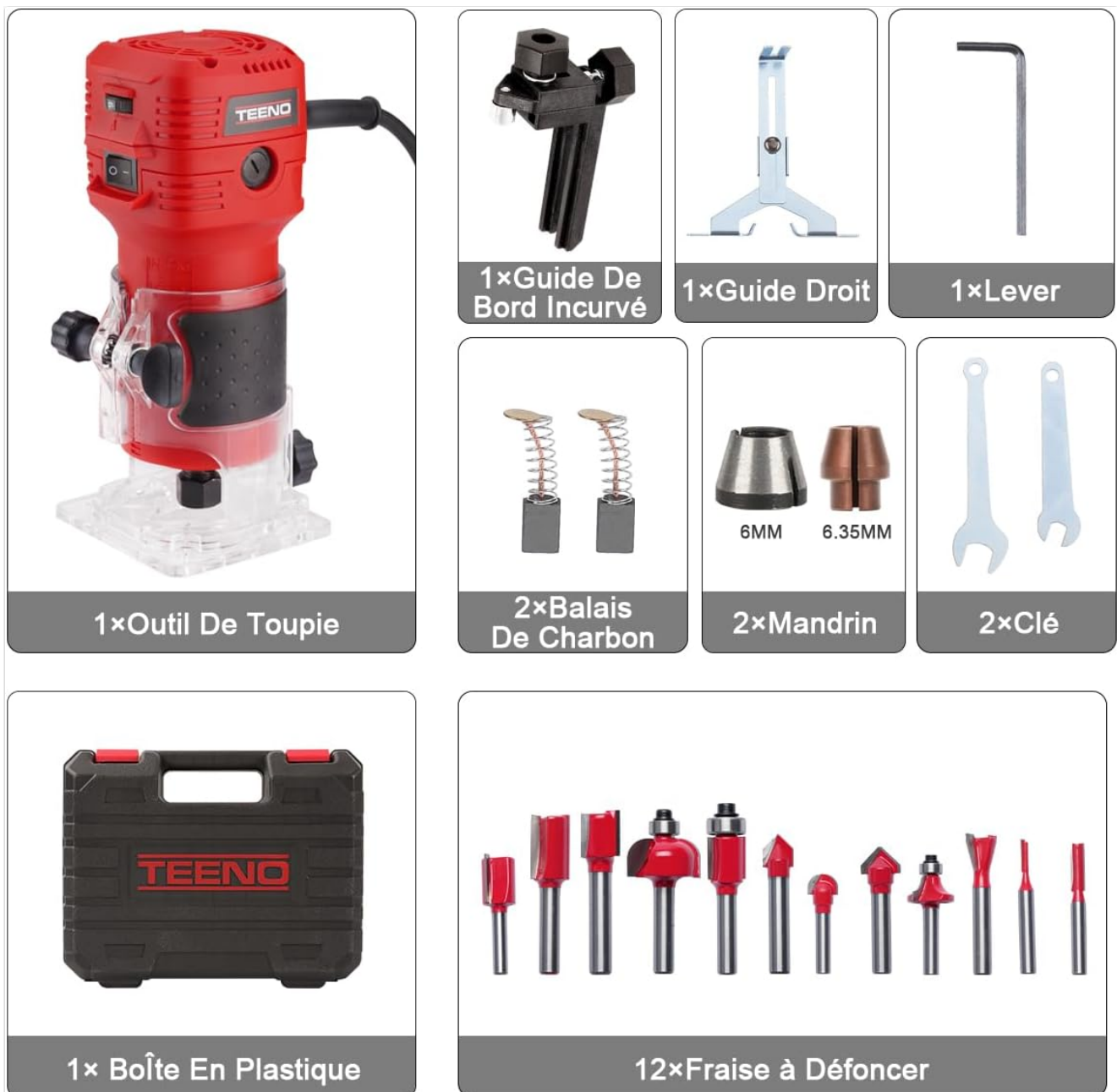


Image: Close-up of the router's speed adjustment dial, showing settings from 1 to 6.

6.3 Using Guides

The included straight guide and curved edge guide can be attached to the router base for precise routing along edges or for creating specific patterns.

- **Straight Guide:** Use for routing straight lines along the edge of a workpiece.
- **Curved Edge Guide:** Use for following curved edges or templates.



Image: Three examples demonstrating different ways to use the TEENO router, including freehand routing and routing with guides for straight and curved cuts.

7. MAINTENANCE

7.1 Cleaning

- Always unplug the tool before cleaning.
- Clean the tool regularly to remove dust and debris. Use a soft cloth, brush, or compressed air.
- Do not use harsh chemicals or abrasive cleaners.
- Keep the ventilation openings clear to ensure proper heat dissipation.

7.2 Carbon Brush Replacement

Carbon brushes are wear items and will need to be replaced periodically. The router includes two replacement carbon brushes.

1. Unplug the router from the power source.

2. Locate the carbon brush caps on the sides of the motor housing.
3. Unscrew the caps using a screwdriver or coin.
4. Remove the old carbon brushes.
5. Insert the new carbon brushes, ensuring they are oriented correctly.
6. Replace and tighten the carbon brush caps.



Image: Detail showing the location of the replaceable carbon brushes on the side of the router motor housing.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your TEENO Electric Wood Router.

Problem	Possible Cause	Solution
Router does not start	No power supply Faulty ON/OFF switch Worn carbon brushes	Check power connection and outlet Contact customer support Replace carbon brushes
Excessive vibration	Loose router bit Damaged router bit Unbalanced workpiece	Ensure bit is securely tightened Replace router bit Secure workpiece properly
Motor overheats	Blocked ventilation vents Overloading the tool Dull router bit	Clean ventilation openings Reduce cutting depth/feed rate Replace or sharpen router bit
Poor cutting quality	Dull router bit Incorrect speed setting Improper feed rate	Replace or sharpen router bit Adjust speed according to material Adjust feed rate for smoother cuts

9. SPECIFICATIONS

Technical specifications for the TEENO Electric Wood Router, Model TEENO-1026-BMC:

Feature	Specification
Brand	TEENO
Model	TEENO-1026-BMC
Power	650 Watts

Feature	Specification
Voltage	230 Volts
No-Load Speed	15,000 - 32,000 RPM
Speed Settings	6 Variable Speeds
Collet Diameter	6mm / 6.35mm (1/4 inch)
Power Source	Corded Electric
Product Dimensions (L x W x H)	10 x 10 x 16 cm
Item Weight	1.9 Kilograms
Material	Wood (referring to application, tool material is mixed)
Color	Red

10. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about spare parts, please refer to the documentation included with your purchase or contact TEENO customer service directly. Details for contacting support can typically be found on the product packaging or the official TEENO website.