

Triton MOF001

Triton MOF001 Dual Mode Precision Plunge Router

INSTRUCTION MANUAL

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and setup of your Triton MOF001 2-1/4 HP / 13 Amp Dual Mode Precision Plunge Router. Please read all instructions carefully before use to ensure optimal performance and user safety.

The Triton MOF001 is a versatile power tool designed for precision woodworking tasks. It features a unique dual-mode function, allowing it to operate as both a conventional plunge router and a fixed-base router with rack and pinion adjustment. Key features include soft start, variable speed control, and an automatic spindle lock for easy bit changes.

Safety Information

WARNING: Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and a dust mask, when operating this tool. Ensure the workpiece is securely clamped before routing.

- Always disconnect the power supply before making any adjustments, changing bits, or performing maintenance.
- Keep hands clear of the cutting area and rotating bit.
- Ensure the router bit is securely tightened in the collet before operation.
- Do not operate the router in damp or wet conditions.
- Maintain a firm grip on the router handles during operation.
- Keep the work area clean and well-lit.
- Avoid forcing the tool; let the router bit do the work.

Included Components

Your Triton MOF001 router package includes the following items:

- 1400W / 2-1/4hp router
- 1/4" collet
- 8mm collet
- Table height winder
- Multi-function fence
- Collet wrench
- Extended base plate
- Instruction Manual



Image: All components of the Triton MOF001 router, including the main unit, collets, wrenches, and accessories.

Setup

1. Installing a Router Bit

1. Ensure the router is disconnected from the power supply.
2. Raise the collet to its full height. The automatic spindle lock will engage when the collet is fully raised and slightly rotated, allowing for single-wrench bit changes.
3. Insert the desired router bit into the collet. Ensure at least 3/4 of the shank is inserted.
4. Tighten the collet nut firmly using the provided collet wrench.



Image: A user installing a router bit into the Triton MOF001, highlighting the ease of bit change.

2. Switching Between Plunge and Fixed-Base Modes

The Triton MOF001 features a single button to switch between plunge and fixed-base (rack and pinion) modes. Locate the orange button on the handle. Pressing this button allows the router to transition between modes, offering versatility for various routing applications.

3. Adjusting Depth

For continuous fine depth adjustment, utilize the micro winder. This feature allows precise control over the cutting depth throughout the full plunge range. The 3-stage turret with direct reading scales assists in setting precise pre-set cut depths.

Operating Instructions

1. Powering On and Speed Control

The router is equipped with a soft start feature, which minimizes tool jerk upon startup, providing greater control. Use the variable speed control dial to select the appropriate speed for your specific cutter type and material. Always start with a lower speed and increase as needed.

2. Handheld Operation

For handheld use, ensure a firm grip on both handles. The soft start feature aids in maintaining control. For edge routing or specific patterns, attach the multi-function fence. Always move the router smoothly and consistently across the workpiece.



Image: A user performing a handheld routing operation with the Triton MOF001 and a guide fence.

3. Table-Mounted Operation

The MOF001 is designed for easy table mounting. Quick-fit pins located in the base allow for rapid fitment to a mounting plate, such as the Triton RTA300 router table. When table-mounted, the included table height winder

can be used for convenient above-table depth adjustments. The side air vents are strategically placed to reduce dust intake into the motor casing when the router is mounted upside-down in a table.



Image: The Triton MOF001 router installed in a router table, ready for operation.

4. Official Product Video

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Video: An official demonstration of the Triton MOF001 router, showcasing its features and operation.

Maintenance

- **Cleaning:** Regularly clean the router, especially the base and collet area, to remove dust and debris. Use a soft brush or compressed air.
- **Bit Care:** Inspect router bits before each use for sharpness and damage. Replace dull or damaged bits immediately to prevent poor cuts and potential kickback.
- **Lubrication:** Periodically apply a light lubricant to the plunge columns to ensure smooth operation.

- **Cord Inspection:** Check the power cord for any signs of damage. Do not use the tool if the cord is frayed or damaged.

Troubleshooting

- **Router not starting:** Ensure the power cord is securely plugged in and the power switch is in the 'ON' position. Check for tripped circuit breakers.
- **Bit slipping:** Ensure the collet nut is tightened sufficiently and the correct collet size is used for the bit shank.
- **Rough cuts:** This may indicate a dull bit, incorrect feed rate, or improper depth setting. Inspect the bit and adjust settings as needed.
- **Excessive vibration:** Check for a bent bit, loose collet nut, or damage to the router. Discontinue use if vibration persists.

Specifications

Feature	Specification
Brand	Triton
Model Number	MOF001
Horsepower	2.25 HP
Amperage	13 Amps
Voltage	240 Volts
Base Type	Plunge
Collet Sizes	1/4", 8mm (1/2" collet also available)
Item Weight	13.8 Pounds
Product Dimensions	12.9"W x 11.4"H
Power Source	Corded Electric

Warranty and Support

For warranty information, please refer to the documentation included with your purchase or visit the official Triton website. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or to order replacement parts, please contact Triton customer service through their official channels. Contact details can typically be found on the product packaging or the

manufacturer's website.

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