

POWERTEC 71392

POWERTEC 71392 Trim Router Table and Router Base Plate Instruction Manual

Model: 71392

Brand: POWERTEC

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your POWERTEC 71392 Trim Router Table and Router Base Plate. Please read this manual thoroughly before use to ensure safe and efficient operation.

The POWERTEC Trim Router Table is designed for precision routing tasks, offering a stable platform for various woodworking applications. Its compact design is suitable for small to medium-sized workpieces and is compatible with a range of popular trim routers.

2. COMPONENTS INCLUDED

- 1x Trim Router Table
- 1x Transparent Bit Guard
- 1x 1/4" Thick Acrylic Base Plate
- 1x Removable Fence
- 2x T-Knobs
- 1x Dust Port

3. SETUP INSTRUCTIONS

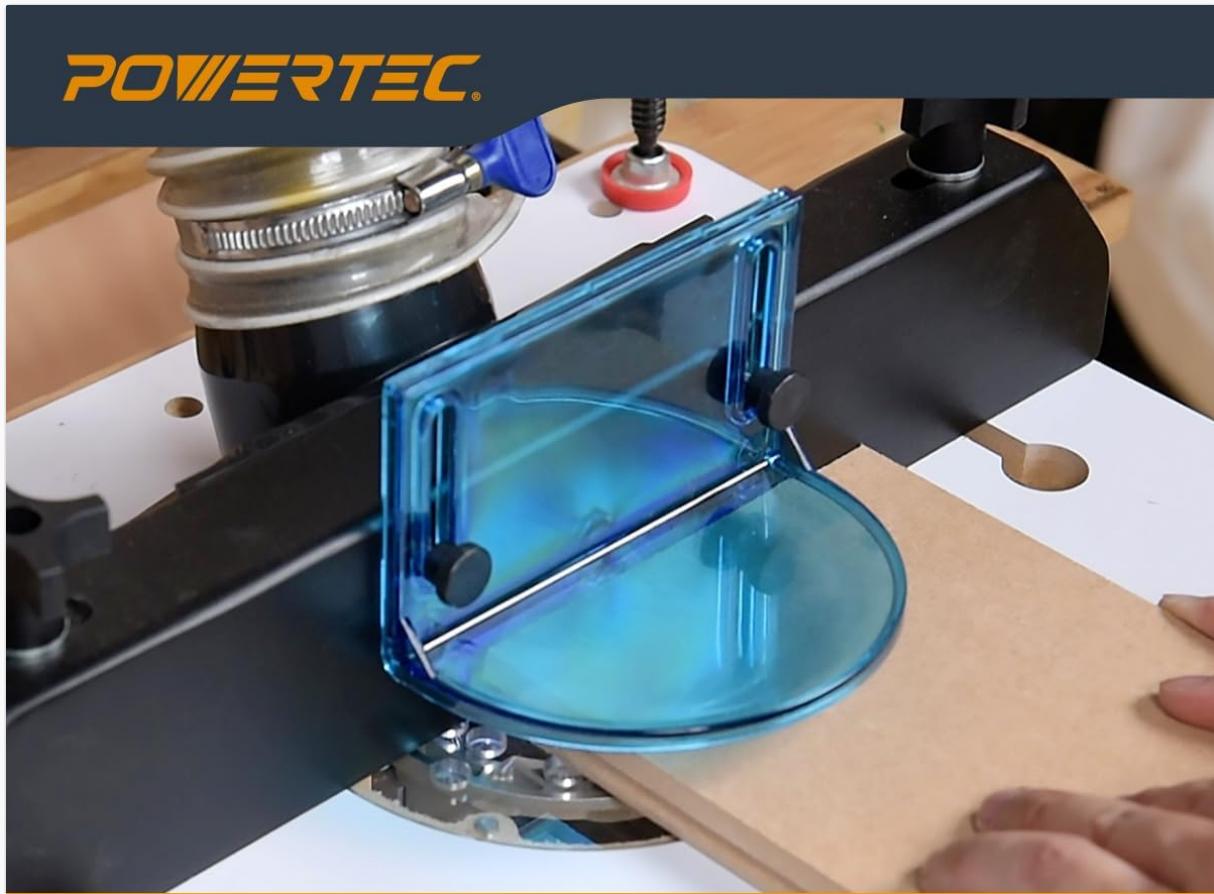
3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect all parts for any damage. If any parts are missing or damaged, contact POWERTEC customer support before proceeding.

3.2 Attaching the Router to the Base Plate

1. Identify the correct pre-drilled holes on the acrylic base plate (POWERTEC 71381) that match your trim router's base. The base plate is designed to fit most trim routers, including models from DeWalt, Makita, Bosch, Ryobi, and Porter Cable. Refer to the compatibility diagram below.

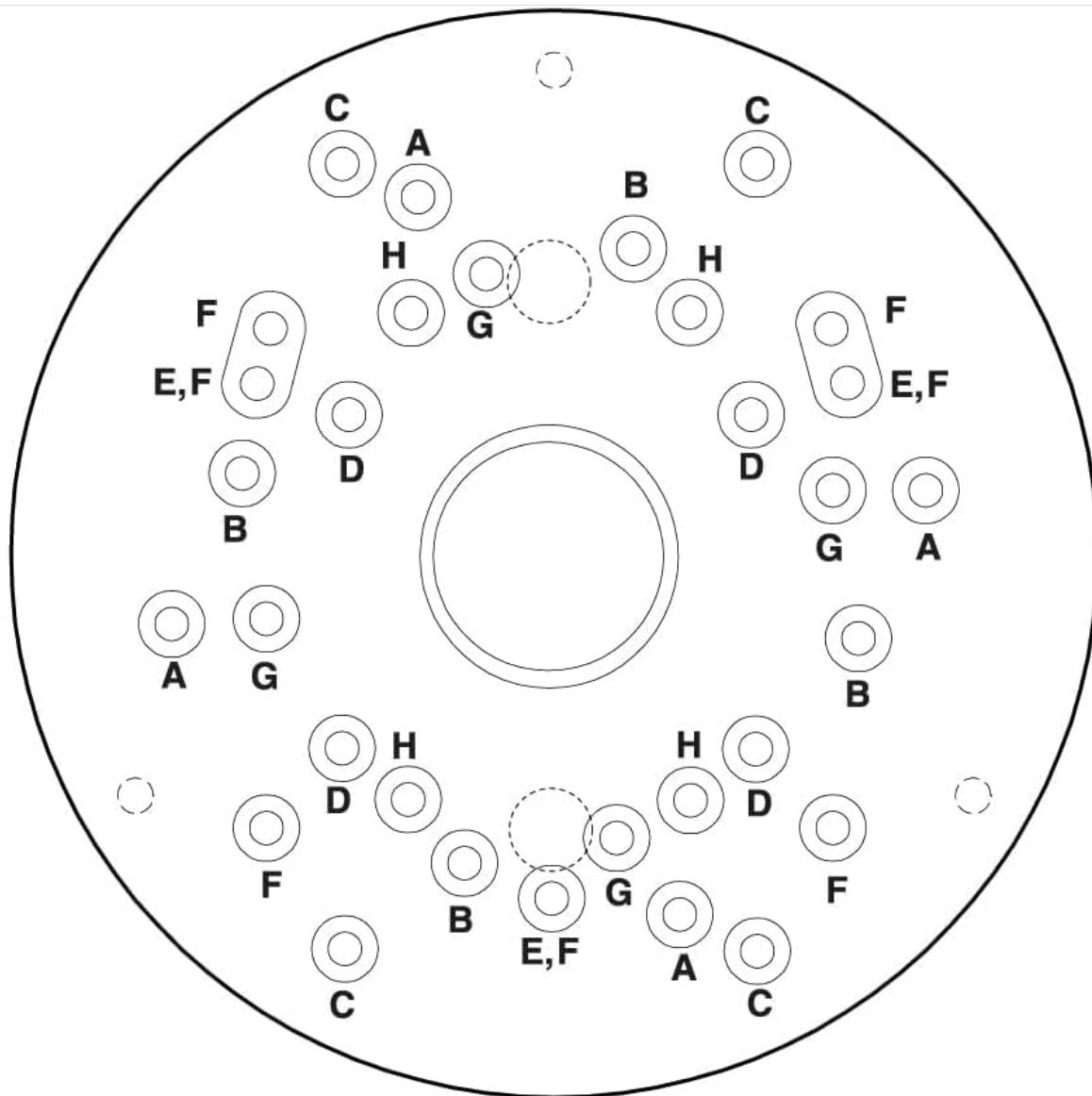
2. Align your trim router with the corresponding holes on the acrylic base plate.
3. Secure the router to the base plate using the appropriate screws provided with your router or the router table kit. Ensure the router is firmly attached.



Multi Functional Uses

- **Provided T-knobs allow easy adjustment and stabilization of the router fence for consistent, precise cuts**
- **Great for cutting, jointing, planing, shaping and routing**

Image: The clear acrylic base plate with multiple pre-drilled holes for various trim router models. A router bit is visible through the center opening.



DeWALT*

DWP611PK **B** | Fixed Base

Makita*

RT0701CX7 **D** | Fixed Base(196613-4)

Bosch*

GKF125CEN **E** | Fixed Base(PR001,PR101)

PR10E/PR20EVS **F** | Fixed Base(PR001,PR101)

Ryobi*

P601 **G**

PORTER-CABLE*

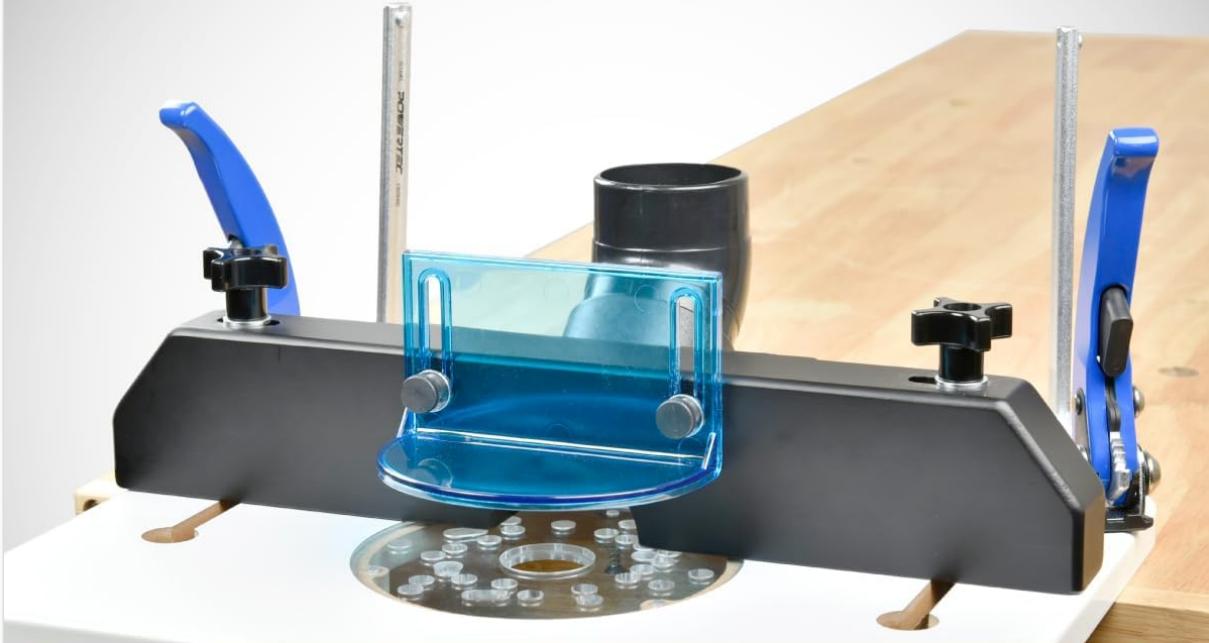
PCE6435 **H**

Image: A diagram illustrating the pre-drilled hole patterns on the base plate and their compatibility with various trim router brands and models (DeWalt, Makita, Bosch, Ryobi, Porter-Cable).

3.3 Mounting the Router Table

The router table is designed to be mounted on a workbench or other stable surface. The back edge of the table is pre-drilled to allow for the addition of a clamping strip (not included) for secure attachment.

Alternatively, the table can be clamped directly to a workbench using appropriate clamps.



Accommodates Various Woodworking Projects

- Sets up quickly and extremely easy to mount
- Leveled insert plate aligns flush with the router table surface

Image: The POWERTEC Trim Router Table securely clamped to a wooden workbench, demonstrating a typical setup for use.

3.4 Attaching the Fence and Bit Guard

1. Slide the removable fence onto the table's T-slots.
2. Insert the T-knobs into the slots and tighten them to secure the fence at the desired position.
3. Attach the transparent bit guard to the fence. The bit guard is height-adjustable via screws for optimal visibility and safety.
4. Connect a dust collection system to the 2.5" ID dust port on the fence for efficient chip removal.



Image: The fully assembled POWERTEC Trim Router Table, showing the white table surface, black fence, clear bit guard, and dust port.

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- **Equipped with see through bit guard for high visibility**
- **Bit guard height adjustable by screws**

Image: A close-up view of the transparent, height-adjustable bit guard attached to the router table fence, providing clear visibility of the router bit.



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2.5" ID

2.5" Id Dust Collection Port

Removable fence is set up with included

Image: A close-up of the 2.5-inch inner diameter dust collection port integrated into the router table fence, designed for efficient chip extraction.

4. OPERATING INSTRUCTIONS

4.1 General Operation

The POWERTEC Trim Router Table converts your handheld trim router into a stationary tool, allowing for more controlled and precise routing operations. It is suitable for cutting, leveling, jointing, planing, shaping, and general routing of small to mid-sized stock.

4.2 Adjusting Router Bit Height

To adjust the router bit height, it is recommended to detach the router from the table. Set the desired bit height as you would for handheld operation, then re-attach the router to the table. The leveled insert plate ensures the router bit aligns flush with the table surface.

4.3 Using the Adjustable Fence

The adjustable fence allows for precise positioning relative to the router bit. Use the T-knobs to loosen, adjust, and secure the fence. Ensure the fence is parallel to the desired cut line for consistent results. The fence is removable if not required for specific operations.



Image: A workpiece being routed on the table, demonstrating the use of the fence and bit guard for precise cuts.

4.4 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including eye protection and hearing protection.
- Ensure the router table is securely mounted to a stable surface before operation.
- Keep hands clear of the router bit during operation. Use push sticks or featherboards when necessary.
- Ensure the bit guard is properly positioned for maximum safety and visibility.
- Disconnect power to the router before making any adjustments or changing bits.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the router table surface and components to prevent sawdust buildup, which can affect precision and smooth operation. Use a brush or vacuum to remove dust and debris. For stubborn residue, a damp cloth can be used, ensuring the surface is dried thoroughly afterward.

5.2 Storage

Store the router table in a dry environment to prevent moisture damage, especially to the MDF components. Keep all parts together to avoid loss.

6. TROUBLESHOOTING

6.1 Router Not Fitting Base Plate

Ensure you are using the correct pre-drilled holes for your specific router model. Refer to the compatibility diagram in Section 3.2. If your router has a plunge base, verify that its diameter and screw head protrusions are compatible with the base plate's design. Some plunge bases may have a larger diameter than the base plate's recess, preventing a flush fit.

6.2 Base Plate Not Level with Table Surface

Check the leveling screws on the base plate. Adjust them as needed to ensure the base plate sits flush with the router table surface. Unevenness can affect routing accuracy.

6.3 Fence Adjustment Issues

If the fence does not adjust smoothly or secure properly, check the T-slots for any obstructions or debris. Ensure the T-knobs are fully engaged and threaded correctly. If a knob is difficult to turn, do not force it; inspect the threading for damage.

6.4 Ineffective Dust Collection

Ensure the dust port is securely connected to your dust collection system. Check for any blockages in the dust port or hose. Verify that your dust collector has sufficient suction for the type of material being routed.

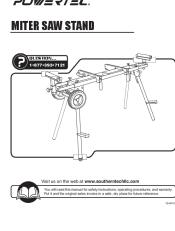
7. SPECIFICATIONS

- **Model Number:** 71392
- **Material:** MDF (Table), Acrylic (Base Plate)
- **Item Weight:** 5.9 pounds
- **Product Dimensions:** 16.3 x 11.1 x 4.3 inches
- **Dust Port ID:** 2.5 inches
- **Compatibility:** Fits most trim routers from DeWalt, Makita, Bosch, Ryobi, Porter Cable

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact POWERTEC customer service. Refer to the product packaging or the official POWERTEC website for contact details. Keep your purchase receipt for warranty claims.

Related Documents - 71392

	<p>POWERTEC 6-1/2" Universal Router Plate Instruction Sheet</p> <p>Instruction sheet for the POWERTEC 6-1/2" Universal Router Plate, including assembly, intended use, maintenance, and compatibility with various router models.</p>
	<p>POWERTEC 71850 Router Table Insert Plate - Instructions and Safety</p> <p>Comprehensive instruction sheet for the POWERTEC 71850 Router Table Insert Plate, covering safety precautions, unpacking, parts list, installation, usage, and maintenance. Includes compatibility chart for various router models.</p>
	<p>POWERTEC MT4000 Miter Saw Stand Owner's Manual</p> <p>Comprehensive owner's manual for the POWERTEC MT4000 Miter Saw Stand, covering safety, assembly, operation, maintenance, and warranty information.</p>
	<p>Powertec PT3200i 3000W Digital Inverter Generator Operating Instructions</p> <p>Operating instructions for the Powertec PT3200i 3000W Digital Inverter Generator, covering safety, features, operation, maintenance, and troubleshooting.</p>
	<p>POWERTEC PTi4500 4500W Digital Inverter Generator: Operating Instructions</p> <p>Comprehensive operating instructions and safety guide for the POWERTEC PTi4500 4500W Digital Inverter Generator, covering specifications, intended use, safety precautions, maintenance, troubleshooting, and warranty information.</p>
	<p>Powertec Workbench Levergym WB-LS14 Assembly Manual - Step-by-Step Guide</p> <p>Comprehensive assembly manual for the Powertec Workbench Levergym WB-LS14. Includes parts list, detailed step-by-step instructions, safety precautions, and maintenance tips.</p>