

BLACK+DECKER KW1200E-QS

BLACK+DECKER KW1200E-QS 1.200W Fixed Base Router Instruction Manual

Model: KW1200E-QS

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and care of your BLACK+DECKER KW1200E-QS 1.200W Fixed Base Router. Please read these instructions thoroughly before using the tool and retain them for future reference.

The BLACK+DECKER KW1200E-QS router is designed for precision routing tasks, offering a 1200W motor for powerful performance and variable speed control to prevent material burning. Its ergonomic design and large side handles ensure comfortable and controlled operation.

SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Secure workpiece with clamps or a vise.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Router Specific Safety:** Ensure the router bit is securely fastened before operation. Always hold the router firmly with both hands. Do not touch the bit immediately after use as it will be hot.

SETUP

Unpacking and Inspection

Carefully remove the router and all accessories from the packaging. Inspect the tool for any damage that may have occurred during transit. Ensure all components listed in the packing list are present.

Attaching a Router Bit

1. Ensure the router is unplugged from the power source.
2. Press and hold the spindle lock button to prevent the spindle from rotating.
3. Loosen the collet nut using the provided wrench.
4. Insert the shank of the desired router bit into the collet. Ensure at least 3/4 of the shank is inserted for secure gripping.
5. Tighten the collet nut firmly with the wrench while holding the spindle lock button. Do not overtighten.



Figure 1: The BLACK+DECKER KW1200E-QS Fixed Base Router. This image shows the overall design of the router, highlighting the handles, depth adjustment, and collet area where bits are inserted.



Figure 2: Side view of the router showing the depth adjustment scale. This scale allows for precise control over the cutting depth, crucial for various routing applications.

Adjusting Cutting Depth

The router features a depth adjustment mechanism for precise control over the routing depth.

1. Place the router on a flat surface with the bit touching the surface.
2. Loosen the depth adjustment lock.
3. Adjust the router body up or down until the desired depth is indicated on the scale.
4. Tighten the depth adjustment lock securely.

OPERATING INSTRUCTIONS

Powering On and Off

The router is equipped with a lock-off trigger for enhanced safety. To start the router, press the lock-off button and then squeeze the trigger switch. To stop, release the trigger switch.

Variable Speed Control

The variable speed dial allows you to match the router's speed to the material and bit being used. Lower speeds are suitable for larger bits and harder materials, while higher speeds are for smaller bits and softer materials. Adjust the dial before starting the router.

Routing Techniques

- **Direction of Feed:** Always feed the router against the rotation of the bit. This provides better control and prevents the router from "climbing" the workpiece.
- **Workpiece Security:** Ensure the workpiece is securely clamped to a stable surface before routing.
- **Controlled Movement:** Hold the router firmly with both hands using the large side handles. Apply steady, even pressure and move the router smoothly across the workpiece.
- **Multiple Passes:** For deep cuts, make several shallow passes rather than one deep pass. This reduces strain on the tool and bit, and improves cut quality.



Figure 3: A user demonstrating the router in operation with an edge guide. The edge guide helps maintain a consistent distance from the edge of the workpiece, ensuring straight and accurate cuts.



Figure 4: Close-up of the router being used to create a groove in a wooden board. This illustrates the precision capabilities of the tool for various woodworking applications.

Dust Extraction

The router features effective dust extraction through a guide tube. Connect a suitable dust extraction system to the router's dust port to maintain a clean work environment and improve visibility of the cutting line.

MAINTENANCE

Cleaning

Regularly clean the router's ventilation slots to prevent overheating. Use a soft brush or compressed air to remove dust and debris. Do not use water or chemical cleaners.

Bit Care

Keep router bits sharp and clean. Dull bits can cause overheating and poor cut quality. Clean resin and pitch buildup from bits using a specialized bit cleaner.

Storage

Store the router in a dry, secure location out of reach of children. If storing for an extended period, ensure the

collet is clean and lightly oiled.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Router does not start.	No power supply; faulty switch; lock-off trigger not engaged.	Check power connection; ensure lock-off trigger is pressed before squeezing main trigger; contact service center if switch is faulty.
Poor cut quality or burning of material.	Dull bit; incorrect speed setting; feeding too fast.	Replace or sharpen bit; adjust speed to suit material; reduce feed rate.
Excessive vibration.	Loose bit; bent bit; damaged bearings.	Ensure bit is securely tightened; replace bent bit; contact service center for bearing issues.
Router overheats.	Blocked ventilation slots; prolonged heavy use; dull bit.	Clean ventilation slots; allow tool to cool; replace or sharpen bit.

SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	KW1200E-QS
Power Source	Corded Electric
Wattage	1200 Watts
Voltage	230 Volts
Maximum Rotational Speed	28000 RPM
Base Type	Fixed
Item Weight	3.37 Kilograms (7.41 pounds)
Product Dimensions	14.76"W x 36.61"H
Material	Metal, Acrylonitrile Butadiene Styrene (ABS), or Alloy Steel
Included Components	Components included (e.g., 3 collets)

WARRANTY AND SUPPORT

Warranty Information

This BLACK+DECKER product is typically covered by a **2-year guarantee**. Please refer to the warranty card included with your product for specific terms and conditions, or visit the official BLACK+DECKER website for detailed warranty information.



**BLACK+
DECKER**



1200W

KW1200E

2 YEAR GUARANTEE
ANS DE GARANTIE
JAHRE GARANTIE
ANNI DI GARANZIA
AÑOS DE GARANTIA
AÑOS DE GARANTIA
XPOHIA EIT'YHCH
JAAR GARANTIE
AÑS GARANTI
AÑ GARANTI
YUODEN FARUV
AÑS GARANTI
www.blackanddecker.com

Figure 5: Product packaging indicating a 2-year guarantee. This highlights the manufacturer's commitment to product quality and customer satisfaction.

Customer Support

For technical assistance, spare parts, or warranty claims, please contact BLACK+DECKER customer service.

Contact details can usually be found on the official brand website or in the product packaging.

You can also visit the official BLACK+DECKER store on Amazon for more product information: [BLACK+DECKER Store](#)

For information on packaging recycling, please visit: [Stanley Black & Decker Packaging Recycling](#)