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DEWALT DCW600B

DEWALT 20V Max XR Cordless Router DCW600B Instruction Manual

Model: DCW600B

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT 20V Max XR Cordless Compact Router (DCW600B). Please read and understand all instructions before using the tool.



Image: The DEWALT 20V Max XR Cordless Router (DCW600B) with its fixed base, showcasing its compact design.

SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep 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. 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. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and dust masks when necessary.

Ensure the tool is switched off and the battery pack is removed before making any adjustments, changing accessories, or storing power tools.

WHAT'S IN THE BOX

- (1) Fixed Base
- (1) Instruction Manual
- (1) Wrench

- (1) Router Motor

Note: Battery and charger are sold separately.

SETUP

1. Battery Installation and Removal

To install the battery pack, align the battery pack with the tool's receptacle and slide it in until it clicks securely into place. To remove, press the battery release button and pull the battery pack out.

Your browser does not support the video tag.

Video: A demonstration of installing and removing the battery pack from the DEWALT cordless router, along with an overview of its features.

2. Bit Installation and Removal

1. Ensure the battery pack is removed.
2. Press and hold the spindle lock button.
3. Use the provided wrench to loosen the collet nut by turning it counter-clockwise.
4. Insert the router bit into the collet, ensuring at least 3/4 of the shank is inserted.
5. Tighten the collet nut firmly with the wrench by turning it clockwise while holding the spindle lock button. Do not overtighten.



Image: A hand holding a router bit, ready for installation into the router's collet.



Image: A person using a wrench to tighten a router bit into the collet of the DEWALT router, ensuring it is secure.

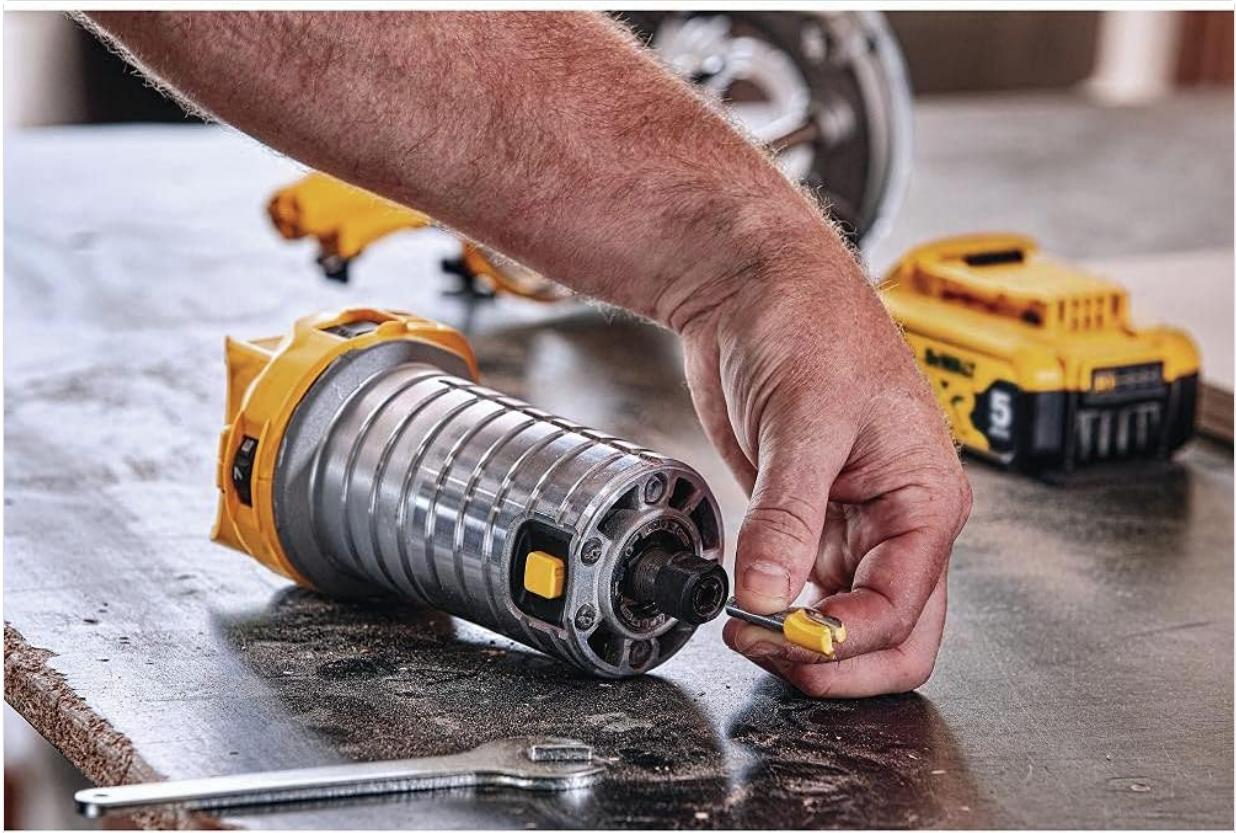


Image: A close-up of a router bit being inserted into the collet of the DEWALT router.

3. Base Attachment and Removal

To attach the fixed base, align the base with the router motor and slide it up until the locking tabs engage. To remove, depress the two locking tabs on the side of the base and slide the motor out.

Your browser does not support the video tag.

Video: A detailed review and demonstration of the DEWALT cordless router, including how to attach and remove its base.

4. Depth Adjustment

The depth adjustment ring allows for fast and easy height adjustments. Unlock the clamp lever, rotate the adjustment ring to achieve the desired depth, and then lock the clamp lever to secure the setting.



Image: A close-up of the DEWALT router's depth adjustment dial, showing numerical settings for precise control.

OPERATING INSTRUCTIONS

1. Power On/Off

To turn the router ON, slide the power switch to the "ON" position. To turn it OFF, slide the switch to the "OFF" position. The electronic brake will quickly stop the motor.

2. Speed Control

The variable-speed dial allows you to match the speed of the router to the specific application and material. Rotate the dial to select the desired speed setting.

3. Using the Router

Always ensure the workpiece is securely clamped. Hold the router firmly with both hands. Guide the router

smoothly along the workpiece, maintaining consistent pressure and speed. The dual LEDs help illuminate the work surface for superior bit visibility.



Image: The DEWALT cordless router positioned on a wooden surface, ready for operation.

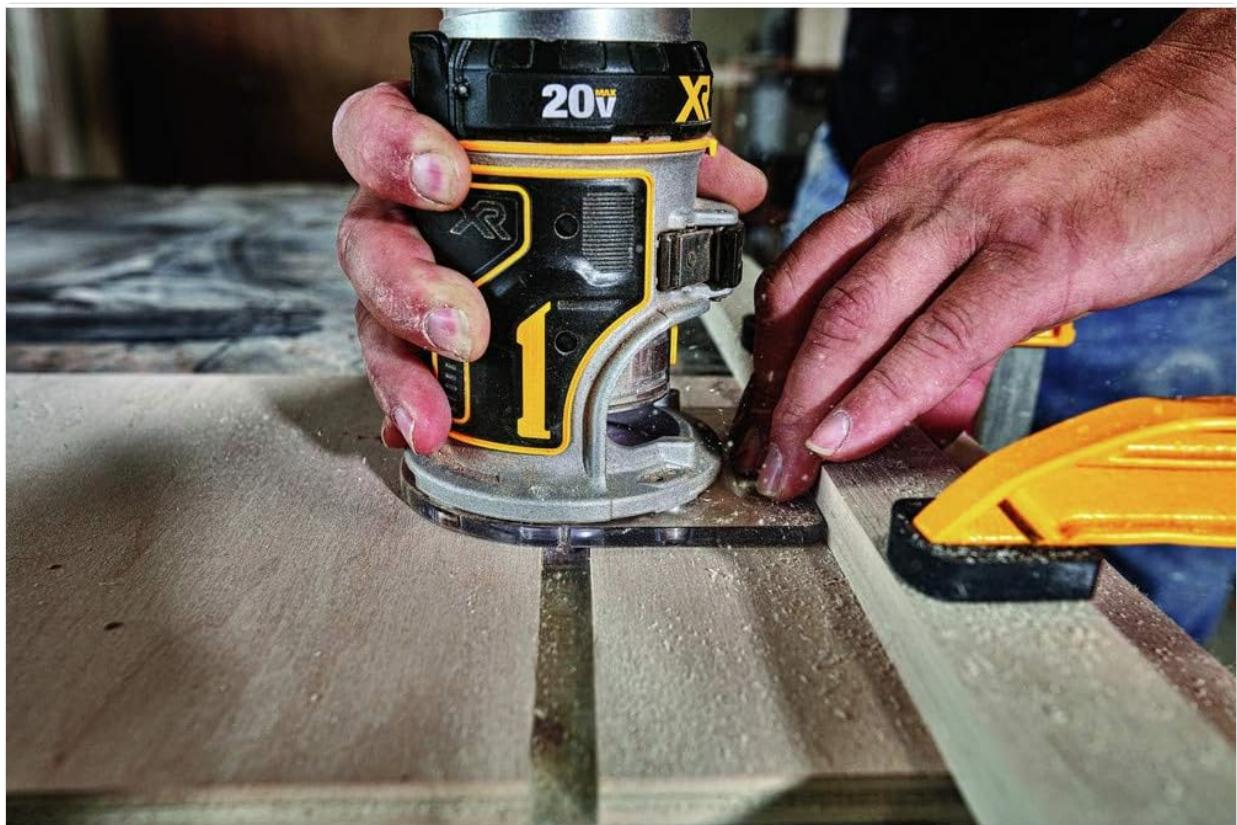


Image: A person operating the DEWALT cordless router to create an edge profile on a piece of wood.

Your browser does not support the video tag.

Video: A demonstration of the DEWALT cordless router in action, showcasing its ease of use and the quality of cuts it produces.

KEY FEATURES

- Dual LEDs help illuminate the work surface.
- Variable-speed dial allows the user to match speed of the router to the application.
- Depth adjustment ring allows for fast and easy height adjustments.
- Soft start motor with full-time electronic feedback allows the motor to maintain speed during cuts.
- Electronic brake slows the motor down faster after the unit is shut off.



Image: The base of the DEWALT router with its dual LEDs illuminated, providing clear visibility of the work area.

Maintenance

Regular maintenance ensures optimal performance and longevity of your router. Always disconnect the battery pack before performing any maintenance.

- **Cleaning:** Use a clean, dry cloth to wipe down the tool. Do not use solvents or harsh chemicals.
- **Bit Inspection:** Regularly inspect router bits for sharpness and damage. Replace dull or damaged bits to prevent poor cuts and potential kickback.
- **Ventilation Openings:** Keep the ventilation openings clear of dust and debris to prevent overheating.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly or discharged.	Ensure battery is fully charged and properly inserted.

Problem	Possible Cause	Solution
Poor cut quality	Dull or damaged bit; incorrect speed setting; improper feed rate.	Replace bit; adjust speed; maintain consistent feed rate.
Excessive vibration	Loose bit; damaged bit; worn bearings.	Tighten bit; replace bit; contact service center.

SPECIFICATIONS

Feature	Detail
Brand	DEWALT
Model Number	DCW600B
Power Source	Battery Powered
Voltage	20 Volts
Item Weight	2.6 Pounds
Maximum Rotational Speed	25500 RPM
Base Type	Fixed
Battery Description	Lithium-Ion
Product Dimensions	5.82"W x 5.75"H

WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the official DEWALT website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims. You can visit the official [DEWALT Store](#) for more products and information.