

BLACK+DECKER EAR800

BLACK+DECKER Corded Multi-Saw EAR800 Instruction Manual

Model: EAR800

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your BLACK+DECKER Corded Multi-Saw EAR800. Please read this manual thoroughly before using the tool and keep it for future reference.

The BLACK+DECKER Corded Multi-Saw EAR800 is a versatile power tool designed for various cutting tasks. Being corded, it offers continuous power without the need for battery charging. It includes three types of blades for cutting different materials and features a head that can be shared with the Cordless MultiEVO system.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Power 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.
- **Blade Safety:** Ensure the blade is securely installed before operation. Always use sharp blades. Dull

blades may cause binding or kickback. Keep hands away from the cutting area and the blade.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Main unit (Corded Multi-Saw EAR800)
- Saw head
- Pruning blade
- Woodworking reciprocating blade (10TPI)
- Metalworking reciprocating blade (18TPI)

4. SETUP

4.1 Attaching the Saw Head

The EAR800 is designed to accept the saw head. Align the saw head with the main unit and push it firmly until it clicks into place. Ensure it is securely fastened before proceeding.

4.2 Installing a Blade

The EAR800 features a keyless clamp for quick blade changes.

1. Ensure the tool is unplugged from the power source.
2. Rotate the keyless clamp collar counter-clockwise to open the blade clamp.
3. Insert the desired blade (pruning, woodworking, or metalworking) into the clamp until it seats fully.
4. Release the clamp collar to secure the blade. Gently pull on the blade to ensure it is locked in place.



Image: A close-up of a hand wearing a glove installing a blade into the keyless clamp of the BLACK+DECKER Corded Multi-Saw EAR800.

4.3 Connecting to Power

Plug the power cord into a standard AC100V 50/60Hz electrical outlet. Ensure the power cord is not damaged and is positioned to avoid tripping hazards or contact with the cutting area.

5. OPERATING INSTRUCTIONS

5.1 General Operation

1. Ensure the workpiece is securely clamped or held to prevent movement during cutting.
2. Hold the tool firmly with both hands.
3. Place the shoe of the saw against the workpiece.
4. Press the trigger switch to start the tool. The EAR800 features stepless speed control, allowing you to adjust the cutting speed by varying the pressure on the switch.
5. Guide the saw through the material, applying steady, even pressure. Do not force the tool.
6. Release the trigger switch to stop the tool.

5.2 Cutting Different Materials

- **Wood:** Use the woodworking reciprocating blade (10TPI) for general wood cutting. For pruning branches, use the dedicated pruning blade.
- **Metal:** Use the metalworking reciprocating blade (18TPI) for cutting metal pipes or sheets. Apply cutting oil when cutting metal to prolong blade life and improve cutting efficiency.
- **Plastic:** Depending on the type and thickness of plastic, either the woodworking or metalworking blade may be suitable. Start with a lower speed to prevent melting.





Image: A person wearing gloves using the BLACK+DECKER Corded Multi-Saw EAR800 to cut a metal pipe attached to a wall.



Image: A person wearing gloves operating the BLACK+DECKER Corded Multi-Saw EAR800 to cut a wooden board.



Image: A person wearing gloves using the BLACK+DECKER Corded Multi-Saw EAR800 to cut a white PVC pipe.

5.3 Video Demonstration (Multi-Tool System)

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Video: This video demonstrates the BLACK+DECKER 18V Multi-Tool Expert EVO185E1 system, which shares compatible heads with the EAR800. It shows various attachments, including circular saw and jigsaw heads, performing different cutting tasks on wood. While not specifically the EAR800 reciprocating saw head, it illustrates the versatility of the MultiEVO system.

6. MAINTENANCE

6.1 Cleaning

After each use, unplug the tool and clean it with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.

6.2 Blade Replacement

Replace blades when they become dull or damaged. Refer to Section 4.2 for blade installation instructions. Always use genuine BLACK+DECKER replacement blades or compatible alternatives.

6.3 Storage

Store the tool in a dry, secure place out of reach of children. Ensure the power cord is neatly coiled and not kinked. Remove the blade before long-term storage.

7. TROUBLESHOOTING

- **Tool does not start:**

- Check if the power cord is securely plugged into a working outlet.
- Inspect the power cord for any damage.
- Ensure the trigger switch is fully depressed.

- **Poor cutting performance:**

- The blade may be dull or damaged. Replace it with a new, sharp blade.
- Ensure you are using the correct blade type for the material being cut.
- Do not apply excessive pressure; let the tool do the work.

- **Excessive vibration:**

- Check if the blade is properly installed and secured in the keyless clamp.
- Ensure the blade is not bent or damaged.

If you encounter issues not covered here, please contact BLACK+DECKER customer support.

8. SPECIFICATIONS

Brand	BLACK+DECKER
Model Number	EAR800
Product Type	Power Tool (Corded Multi-Saw)
Power Source	Corded Electric
Voltage	AC100V
Frequency	50/60Hz
Wattage / Power Consumption	300 W
Stroke Count	0-3200 strokes/min
Stroke Length	20 mm
Clamp Type	Keyless Clamp
Switch Type	Stepless Speed Control
Material	ABS Resin
Product Dimensions (L x W x H)	22 x 7 x 33 cm
Item Weight	1.65 Kilograms
Color	Red
Country of Origin	China

9. WARRANTY AND SUPPORT

BLACK+DECKER products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty details, please refer to the warranty card included with your product or visit the official BLACK+DECKER website.

For technical assistance, spare parts, or repair services, please contact BLACK+DECKER customer support. Have your model number (EAR800) and purchase information ready when contacting support.

