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› [BLACK+DECKER](#) /

› BLACK+DECKER 12V Lithium Drill User Manual

BLACK+DECKER BDCD112-2WM

BLACK+DECKER 12V Lithium Drill User Manual

Model: BDCD112-2WM

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your BLACK+DECKER 12-Volt MAX Lithium-Ion Cordless Drill. Please read this manual thoroughly before using the tool.

The BLACK+DECKER BDCD112C 12-Volt MAX Lithium Ion Cordless Drill is a lightweight and compact tool designed for various home repair and assembly tasks. It features a 3/8-inch chuck, variable speeds, and comes with two batteries for extended use.

PRODUCT OVERVIEW



Front view of the BLACK+DECKER 12V Lithium Drill, including the drill unit and two 12V Lithium-Ion batteries, presented in its retail packaging.



Rear view of the BLACK+DECKER 12V Lithium Drill packaging, displaying the included battery charger and the second 12V Lithium-Ion battery.

The drill is designed with a mid-handle for improved comfort and control during operation. Its compact size makes it suitable for working in confined spaces.

Safety Information

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- Wear appropriate personal protective equipment, including safety glasses.
- 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.
- Keep children and bystanders away while operating a power tool.
- Ensure the battery is fully charged before use.
- Do not expose power tools to rain or wet conditions.

Setup

Charging the Battery

The drill comes with two 12V Lithium-Ion batteries. Before first use, fully charge both batteries.

1. Connect the charger to a standard electrical outlet.
2. Slide the battery pack onto the charger until it clicks into place.

3. Allow the battery to charge until the indicator light on the charger signals a full charge (refer to charger manual for specific light indications).
4. Once charged, remove the battery from the charger.

Installing/Removing the Battery Pack

- To install: Align the battery pack with the receptacle in the tool's handle and slide it in until it locks securely.
- To remove: Press the battery release button (if present) and pull the battery pack out of the handle.

Installing Drill Bits

- Ensure the drill is off and the battery is removed.
- Twist the chuck counter-clockwise to open the jaws.
- Insert the drill bit into the chuck, ensuring it is centered.
- Twist the chuck clockwise to tighten the jaws firmly around the bit.

OPERATING INSTRUCTIONS

Powering On/Off

The drill is activated by pressing the trigger switch. Releasing the trigger turns the drill off.

Variable Speed Control

The drill features variable speed control. The speed of the drill is controlled by the amount of pressure applied to the trigger switch. Pressing the trigger further increases the speed.

Forward/Reverse Selector

A forward/reverse selector switch is located above the trigger. Push the switch to the left for forward rotation (drilling/driving screws in) and to the right for reverse rotation (removing screws).

Drilling and Driving Tips

- Always secure your workpiece before drilling or driving.
- Start drilling at a low speed and gradually increase as needed.
- Apply steady, even pressure. Do not force the drill.
- For driving screws, select a suitable bit and use a lower speed to prevent stripping screw heads.

MAINTENANCE

Cleaning

- Keep the ventilation slots of the tool clean to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the chuck jaws to ensure proper grip on bits.

Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Charge them periodically if not in use.
- Do not short-circuit battery terminals.

Storage

When not in use, store the drill and its accessories in a secure, dry location out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill does not start.	Battery not charged or not properly inserted.	Charge battery. Ensure battery is fully seated in the tool.
Loss of power during operation.	Battery is low or discharged.	Replace with a charged battery or recharge the current battery.
Chuck not holding bit securely.	Chuck jaws are dirty or not tightened sufficiently.	Clean chuck jaws. Ensure chuck is tightened firmly by hand.
Overheating.	Blocked ventilation slots or continuous heavy use.	Clear ventilation slots. Allow tool to cool down. Reduce load.

SPECIFICATIONS

- Brand:** BLACK+DECKER
- Model Number:** BDCD112-2WM
- Part Number:** BDCD112-2
- Power Source:** Battery Powered
- Voltage:** 12 Volts
- Battery Type:** Lithium Ion
- Maximum Rotational Speed:** 1400 RPM
- Maximum Chuck Size:** 0.38 Inches
- Item Weight:** 3.44 pounds
- Product Dimensions:** 4 x 3 x 7 inches
- Included Components:** 2 Batteries
- Special Feature:** Variable Speed
- Material:** Steel, Plastic
- UPC:** [885911466134](#)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website.

You can also visit the [BLACK+DECKER Store on Amazon](#) for more product information and support resources.



