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› BLACK+DECKER 20V MAX 68-Piece Cordless Drill and Home Tool Project Kit (Model LDX120PK) User Manual

BLACK+DECKER LDX120PK

BLACK+DECKER 20V MAX 68-Piece Cordless Drill and Home Tool Project Kit User Manual

Model: LDX120PK | Brand: BLACK+DECKER

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your BLACK+DECKER 20V MAX 68-Piece Cordless Drill and Home Tool Project Kit. This versatile kit is designed for a variety of household tasks and projects, offering a powerful 20V MAX Lithium Ion drill along with 66 hand tools and accessories. It includes a carrying bag for convenient portability and storage.

2. INCLUDED COMPONENTS

Your BLACK+DECKER 20V MAX 68-Piece Cordless Drill and Home Tool Project Kit includes the following items:

- 1 - 20V MAX Lithium Ion Cordless Drill
- 1 - Lithium Ion Battery (1.5 Amp Hours)
- 1 - Battery Charger
- 66 - Hand Tools and Accessories (including screwdrivers, pliers, hammer, tape measure, utility knife, various drill bits, and nut drivers)
- 1 - Carrying Bag



An overview of the BLACK+DECKER 20V MAX 68-Piece Cordless Drill and Home Tool Project Kit components, showcasing the cordless drill, various hand tools, accessories, and the storage bag.

3. SAFETY INFORMATION

Always wear appropriate personal protective equipment, such as safety glasses, when operating power tools. Ensure your work area is well-lit and clear of obstructions. Keep children and bystanders away while operating tools. Read and understand all safety warnings and instructions provided with individual tools before use.

4. SETUP

4.1 Battery Charging

The 20V MAX Lithium Ion battery must be fully charged before first use. Connect the battery charger to a standard electrical outlet. Slide the battery pack onto the charger until it clicks into place. The indicator light on the charger will show the charging status. A full charge typically takes 3-4 hours. Disconnect the battery once fully charged.



The 20V MAX Lithium Ion battery for the cordless drill, shown alongside its dedicated charging adapter, ready for power replenishment.

4.2 Drill Bit Installation

1. Ensure the drill is turned off and the forward/reverse switch is in the center (locked) position.
2. Twist the chuck counter-clockwise to open the jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck, ensuring it is seated firmly.
4. Twist the chuck clockwise to tighten the jaws securely around the bit.

5. OPERATING INSTRUCTIONS

5.1 Cordless Drill Operation

- **Power On/Off:** Squeeze the trigger switch to turn the drill on. Release to turn off.
- **Forward/Reverse:** Use the slide switch located above the trigger to select forward (clockwise) or reverse (counter-clockwise) rotation. The center position locks the trigger for safety.
- **11-Position Clutch:** The clutch ring allows you to select the appropriate torque setting for your task. Lower numbers are for driving small screws into soft materials, while higher numbers are for driving large screws or drilling into harder materials. This prevents stripping screws and overdriving.



11-Position Clutch
Prevents stripped screws.

**Comfortable
Ergonomic Grip**

LED
Illuminates worksurfaces.

**Lightweight,
Compact Design**



Detailed view of the BLACK+DECKER 20V MAX cordless drill, pointing out its 11-position clutch for precision, ergonomic grip for comfort, integrated LED for visibility, and lightweight design for ease of use.



A user adjusting the 11-position clutch on the BLACK+DECKER cordless drill, emphasizing its function in preventing stripped screws and overdriving.

5.2 Hand Tool Usage

The kit includes a variety of hand tools such as screwdrivers (Phillips and flathead), pliers (needle-nose and adjustable), a hammer, and a tape measure. Use each tool for its intended purpose. For example, the hammer is for driving nails, screwdrivers for fasteners, and pliers for gripping or cutting. Always ensure a firm grip and proper technique to prevent injury.



A user demonstrating the BLACK+DECKER cordless drill for wall mounting, highlighting its practical application in home projects.

6. MAINTENANCE

- **Cleaning:** Keep all tools clean and free of dirt, dust, and debris. Wipe down surfaces with a damp cloth. Do not use harsh chemicals.
- **Storage:** Store all tools in the provided carrying bag in a dry, secure location away from direct sunlight and extreme temperatures. Ensure the battery is removed from the drill before storage.
- **Battery Care:** For optimal battery life, store the battery in a cool, dry place. If storing for extended periods, charge the battery every 6-12 months.



Carrying Bag

Provides simple storage and portability.

The durable black carrying bag with the BLACK+DECKER logo, designed for convenient storage and transport of the tool kit.

7. TROUBLESHOOTING

- **Drill Not Operating:** Ensure the battery is fully charged and properly inserted. Check that the forward/reverse switch is not in the center (locked) position.
- **Battery Not Charging:** Verify the charger is correctly plugged into a working outlet and the battery is securely seated on the charger. If issues persist, contact customer support.
- **Screws Stripping/Overdriving:** Adjust the 11-position clutch to a lower torque setting for softer materials or smaller screws.

8. SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	LDX120PK
Voltage	20 Volts

Battery Type	Lithium Ion
Battery Capacity	1.5 Amp Hours
Number of Pieces	68
Item Weight	3.96 pounds (1.8 Kilograms)
Product Dimensions	19.5 x 3.63 x 13.63 inches
Power Source	Battery Powered
Special Features	Cordless

9. WARRANTY AND SUPPORT

This product comes with a 2-year Limited Manufacturer's Warranty. For detailed warranty information or to register your product, please refer to the documentation included in your kit or visit the official BLACK+DECKER website. Additional protection plans may be available for purchase.