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› BLACK+DECKER HD650K 1/2-inch (13mm) 650W Hammer Drill Instruction Manual

BLACK+DECKER HD650K

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1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your BLACK+DECKER HD650K 1/2-inch (13mm) 650W Hammer Drill. Please read all instructions carefully before use and retain this manual for future reference.

Key Features:

- Powerful 650W motor for demanding construction and DIY tasks.
- Selector for percussion or rotation function, suitable for concrete, metal, or wood.
- 1/2-inch (13mm) chuck for secure bit retention and broad accessory compatibility.
- Multi-position side handle and depth rod for enhanced control and precision.
- Variable speed and reverse function (0-3000 RPM) for precise drilling in various applications.

2. PRODUCT COMPONENTS AND SETUP

Familiarize yourself with the components of your hammer drill before initial use.

**Maletín
plástico**

**Barra
de profundidad
y llave**



**Empuñadura
lateral**

**Taladro percutor
de 1/2" (13mm)**

Figure 1: BLACK+DECKER HD650K Hammer Drill with labeled components including the plastic case, side handle, depth rod, and chuck key.

Attaching the Side Handle and Depth Rod:

1. Loosen the side handle by rotating it counter-clockwise.
2. Slide the side handle onto the front of the drill body.
3. Insert the depth rod through the hole in the side handle. Adjust the depth rod to the desired drilling depth.
4. Tighten the side handle by rotating it clockwise to secure both the handle and the depth rod in place.

Barra de profundidad y empuñadura lateral



Figure 2: The depth rod and multi-position side handle provide precise control during drilling operations.

Inserting a Drill Bit:

1. Ensure the drill is unplugged from the power source.
2. Open the chuck jaws by rotating the chuck key counter-clockwise.
3. Insert the drill bit into the chuck, ensuring it is centered and fully seated.
4. Tighten the chuck jaws firmly using the chuck key by rotating it clockwise. Ensure the bit is securely held.

3. OPERATING INSTRUCTIONS

Function Selector (Percussion/Rotation):

Your hammer drill features a selector switch to choose between standard rotation (drilling) and percussion (hammer drilling) modes. Use rotation mode for drilling into wood, metal, and plastics. Use percussion mode for drilling into masonry and concrete.



**Selector de rotación
para perforar en
metal o madera**

Figure 3: Drilling into wood using the rotation mode.

Selector de percusión para perforar en concreto



Figure 4: Drilling into concrete using the percussion mode.

Variable Speed Trigger and Reverse:

The drill features a variable speed trigger. Pressing the trigger further increases the speed. The reverse switch, located near the trigger, allows you to change the direction of rotation for removing screws or freeing a jammed drill bit.



Figure 5: The variable speed trigger and reverse switch for directional control.

Lock-On Button for Continuous Use:

For extended drilling tasks, the lock-on button allows continuous operation without holding the trigger. To activate, press the trigger to the desired speed and then press the lock-on button. To release, press the trigger again.



Lo Hace Fácil.™

Figure 6: The lock-on button for continuous operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

- **Cleaning:** After each use, wipe the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are clear of dust and debris.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified service technician.
- **Chuck Maintenance:** Keep the chuck jaws clean and free of debris to ensure proper bit gripping. Apply a small amount of light oil to the chuck jaws periodically if they become stiff.
- **Storage:** Store the drill in its plastic case in a dry, secure location, away from children and direct sunlight.

5. TROUBLESHOOTING

If you encounter issues with your hammer drill, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Drill does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and circuit breaker; Inspect power cord for damage; Contact service center for switch replacement.
Bit not turning or slipping	Chuck not tightened properly; Worn or damaged drill bit	Tighten chuck with key; Replace worn drill bit.
Excessive vibration or noise	Loose components; Damaged internal parts	Ensure all external components are secure; Discontinue use and contact service center.

Problem	Possible Cause	Solution
Overheating	Blocked ventilation; Prolonged heavy use	Clear ventilation openings; Allow tool to cool down; Reduce load during operation.

6. SPECIFICATIONS

Technical specifications for the BLACK+DECKER HD650K Hammer Drill:

Feature	Specification
Brand	BLACK+DECKER
Model Number	HD650K-B3
Power Source	AC
Maximum Power	650 Watts
Voltage	127 Volts (AC)
Amperage	5 Amperes
Maximum Rotation Speed	3000 RPM
Maximum Chuck Size	13 Millimeters (1/2 inch)
Drill Type	Hammer Drill
Drilling Capacity (Wood)	25 Millimeters
Drilling Capacity (Metal)	13 Millimeters
Material	Plastic
Color	Orange
Dimensions (L x W x H)	47.2 x 32.7 x 30.7 centimeters
Item Weight	15.1 Kilograms
Included Components	Hammer drill, Side handle, Depth rod, Chuck key, Plastic case

7. WARRANTY AND SUPPORT

Warranty Information:

This BLACK+DECKER HD650K Hammer Drill comes with a **1-year warranty** against any manufacturing defects. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, spare parts, or warranty service, please contact BLACK+DECKER customer support. Refer to the contact information provided on the product packaging or the official BLACK+DECKER website for your region.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question