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Dongcheng DCJZ2060i

Dongcheng 20V Cordless Brushless Rotary Hammer Drill

Model: DCJZ2060i

User Manual

Introduction

Thank you for choosing the Dongcheng 20V Cordless Brushless Rotary Hammer Drill, Model DCJZ2060i. This powerful and versatile tool is designed for professional drilling, hammer drilling, and chiseling tasks on various materials including concrete, metal, masonry, and wood. Equipped with a high-performance brushless motor and a durable lithium-ion battery, it offers extended runtime and stable power output. This manual provides essential information for safe operation, proper setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.

Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal 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:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. When battery pack is not in use, keep it away from other metal objects.

Package Contents

Verify that all items are present upon unpacking:

- Dongcheng Cordless Brushless Rotary Hammer Drill (Model DCJZ2060i)
- 2 x 20V 4Ah Lithium-ion Batteries
- Battery Charger (expected, though not explicitly listed in provided data)
- Auxiliary Handle

- Depth Gauge
- User Manual

Product Overview



Image: The Dongcheng 20V Cordless Brushless Rotary Hammer Drill, Model DCJZ2060i. This image displays the main unit of the rotary hammer drill, typically showing the ergonomic handle, the chuck for drill bits, and the battery slot. The tool is designed for heavy-duty applications with its robust construction and powerful motor.

Setup

1. Charging the Battery

1. Connect the charger to a standard power outlet.
2. Slide the battery pack into the charger until it clicks into place.
3. The charging indicator light on the charger will show the charging status. Refer to the charger's manual for specific light patterns.
4. Once fully charged, remove the battery pack from the charger.

2. Installing the Battery

- Align the charged battery pack with the battery slot on the tool.

- Push the battery pack firmly into the slot until it locks securely. Ensure it is fully seated to prevent accidental dislodgement during operation.

3. Attaching the Auxiliary Handle

- Loosen the auxiliary handle clamp.
- Slide the handle onto the front of the drill body.
- Adjust the handle to a comfortable and secure position for optimal control.
- Tighten the clamp firmly to secure the handle.

4. Installing Drill Bits/Chisels

- Pull back the chuck collar.
- Insert the SDS-Plus shank of the drill bit or chisel into the chuck until it clicks into place.
- Release the chuck collar. Pull on the bit to ensure it is securely locked.

Operating Instructions

1. Selecting Operating Mode

The DCJZ2060i offers three operating modes:

- **Drill Mode:** For drilling in wood, metal, and plastic without hammer action.
- **Hammer Drill Mode:** For drilling in concrete, brick, and masonry with hammer action.
- **Chisel Mode:** For light chiseling and demolition work (e.g., removing tiles).

Rotate the mode selector switch to the desired icon. Ensure the tool is off before changing modes.

2. Starting and Stopping the Tool

- To start, press the trigger switch. The tool speed is variable depending on how far the trigger is pressed.
- To stop, release the trigger switch.

3. Using the Depth Gauge

- Insert the depth gauge into the hole on the auxiliary handle.
- Adjust the gauge to the desired drilling depth.
- Tighten the auxiliary handle to secure the depth gauge.

4. General Operation Tips

- Always hold the tool firmly with both hands, especially when using the hammer drill or chisel modes.
- Apply steady, even pressure. Do not force the tool.
- Allow the tool to reach full speed before engaging the workpiece.
- For optimal battery life, avoid completely draining the battery before recharging.

Maintenance

1. Cleaning

- After each use, clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove any dust or debris from the ventilation openings to prevent overheating.
- Clean the chuck regularly to ensure smooth bit changes.

2. Storage

- Store the tool and batteries in a cool, dry place, away from direct sunlight and moisture.
- Keep out of reach of children.
- For long-term storage, ensure batteries are partially charged (around 50%) to prolong their lifespan.

3. Battery Care

- Do not expose batteries to extreme temperatures.
- Do not attempt to disassemble or modify battery packs.
- Dispose of old or damaged batteries according to local regulations.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Charge battery fully. Ensure battery is securely clicked into place.
Reduced power or runtime	Battery charge is low or battery is aging.	Recharge battery. If problem persists, consider replacing the battery pack.
Bit not holding securely	Chuck is dirty or bit is not fully inserted.	Clean the chuck. Ensure the bit's SDS-Plus shank is fully inserted and the collar is released.
Overheating during use	Ventilation openings blocked or continuous heavy load.	Clear ventilation openings. Allow the tool to cool down. Reduce load or take breaks.

Specifications

Feature	Detail
Model	DCJZ2060i
Brand	Dongcheng
Power Source	Battery Powered
Voltage	20V
Battery Type	Lithium-ion
Battery Capacity	4 Ampere Hours (4Ah)
Motor Type	Brushless
Drill Type	Impact Drill (Rotary Hammer)
Operating Modes	3-in-1 (Drill, Hammer Drill, Chisel)
Material	Metal

Feature	Detail
Item Weight	500 grams
Product Dimensions	10 x 20 x 37 cm

Warranty and Support

This Dongcheng product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details. For technical support, service, or to inquire about replacement parts, please contact your authorized Dongcheng dealer or visit the official Dongcheng website. Keep your purchase receipt as proof of purchase for warranty claims.

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