STANLEY SCD711C2K-B1

STANLEY FATMAX SCD711C2K-B1 20V Cordless Hammer Drill Machine User Manual

Model: SCD711C2K-B1

1. Important Safety Information

Always read and understand 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.

General Power Tool Safety

- **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. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation

or burns.

2. Product Overview

The STANLEY FATMAX SCD711C2K-B1 is a 20V cordless brushed hammer drill machine designed for efficient drilling and screwdriving in various materials including wood, metal, plastic, and masonry. It features a powerful motor, hammer action, and multiple clutch settings for versatile applications.



Figure 1: STANLEY FATMAX SCD711C2K-B1 Cordless Hammer Drill Machine

3. Setup

3.1 Charging the Battery

Before first use, fully charge the battery pack. The charger is designed to charge STANLEY FATMAX 20V Li-ion battery packs. Ensure the charger is connected to a suitable power outlet.

Video 1: Demonstrates connecting the charger to a power outlet and placing the battery on the charger for charging. The battery indicator lights will show charging status.

To charge the battery:

1. Plug the charger into a standard electrical outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charging indicator lights on the battery and/or charger will illuminate to show the charging status. Refer to the charger's specific instructions for light patterns.
4. Once fully charged, remove the battery pack from the charger.



Figure 2: Battery with integral state of charge indicator for monitoring battery levels.

3.2 Installing and Removing the Battery Pack

To install the battery pack, align the battery with the tool's handle and slide it in until it clicks securely into place. To remove, press the battery release button and slide the battery out.

3.3 Installing and Removing Drill Bits

This drill features a 13mm keyless chuck for quick and easy bit changes.



Figure 3: The 13mm keyless chuck allows for quick and easy bit changes without additional tools.

1. To install a bit, rotate the chuck collar counter-clockwise until the jaws are open wide enough to insert the bit.
2. Insert the bit into the chuck as far as it will go.
3. Rotate the chuck collar clockwise to tighten the jaws firmly around the bit. Ensure the bit is centered and secure.
4. To remove a bit, rotate the chuck collar counter-clockwise to loosen the jaws and pull the bit out.

4. Operating Instructions

4.1 Powering On/Off

The drill is activated by pressing the trigger switch. Release the trigger to turn the drill off.

4.2 Selecting Speed

The drill features a 2-speed gearbox for optimal speed and torque to suit different applications.



Figure 4: The 2-speed gearbox selector allows for precise control over drilling speed.

- **Speed 1 (Low Speed):** For high torque applications, such as driving large screws or drilling large holes in wood.
- **Speed 2 (High Speed):** For faster drilling in smaller diameters or materials like metal.

To change the speed, slide the gear selector switch located on top of the drill. Ensure the drill is stopped before changing speeds.

4.3 Adjusting Clutch Settings and Drill Modes

The clutch/drill mode collar provides 24+1 adjustable torque settings, allowing you to control the fastener driving depth and select between drilling and hammer drilling modes.

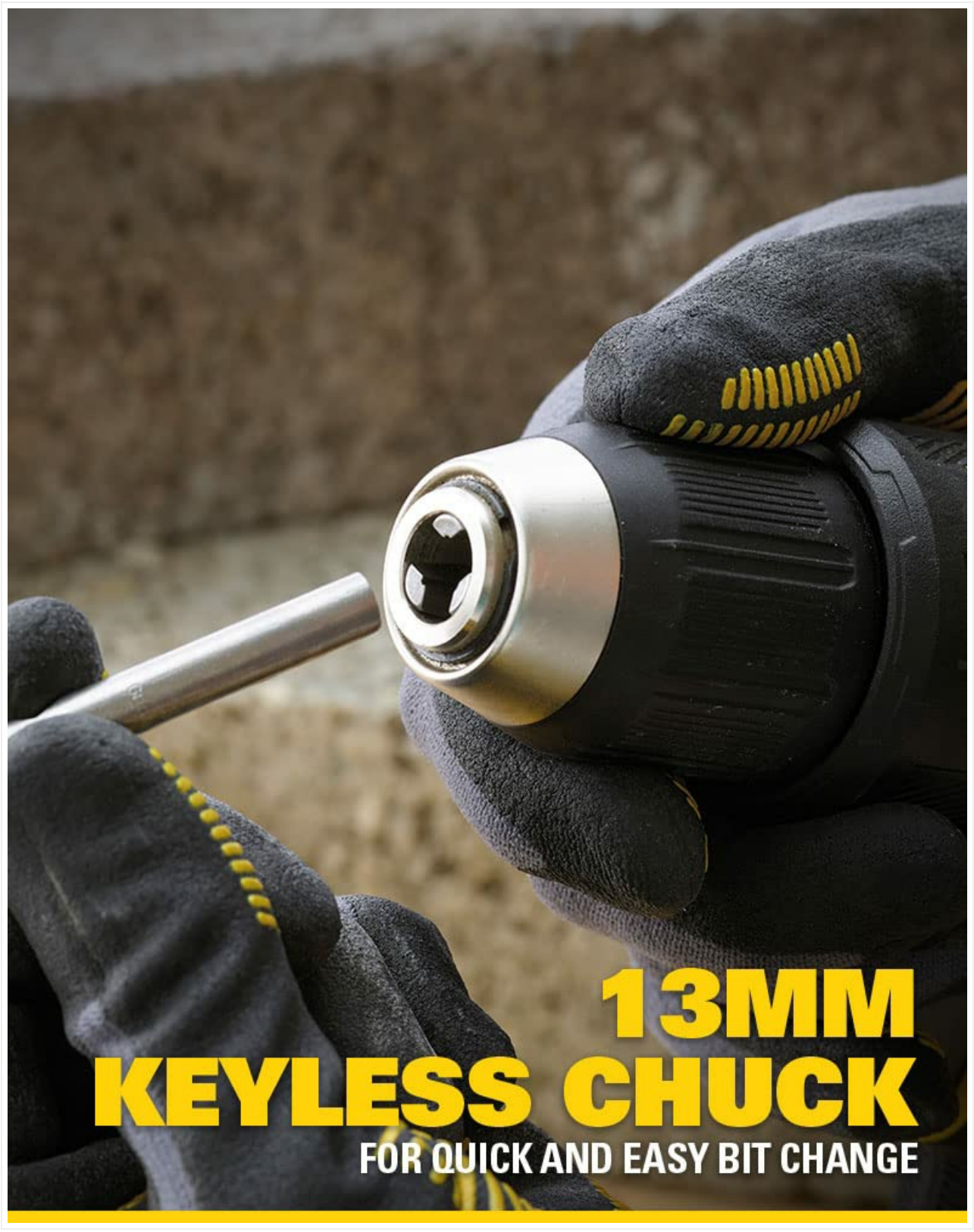


Figure 5: The clutch/drill mode collar offers precise torque control and mode selection.

- **Torque Settings (1-24):** Rotate the collar to the desired number. Lower numbers are for driving small screws or working with soft materials. Higher numbers are for driving larger screws or working with harder materials.
- **Drill Mode (Drill Bit Symbol):** For drilling holes in wood, metal, and plastic without clutch action.
- **Hammer Drill Mode (Hammer Symbol):** For drilling into masonry and concrete, combining rotation with a

hammering action.

4.4 Using the Hammer Action

When drilling into masonry or concrete, select the hammer drill mode on the clutch collar. The powerful hammer action provides up to 25,500 BPM (Blows Per Minute) for efficient penetration.



Figure 6: The hammer drill mode is ideal for drilling into tough materials like brick or concrete.

Always use appropriate masonry drill bits when in hammer drill mode.

4.5 Drilling in Wood and Metal

For drilling in wood, metal, or plastic, select the drill mode (drill bit symbol) and choose an appropriate speed and torque setting. Use suitable drill bits for the material.



Figure 7: Drilling into wood with the STANLEY FATMAX cordless drill.

5. Maintenance

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

- **Cleaning:** Keep the ventilation slots of the tool clean to prevent overheating. Use a soft brush or dry cloth to remove dust and debris. Do not use water or chemical cleaners.
- **Battery Care:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. Do not store discharged batteries for extended periods.
- **Inspection:** Periodically inspect the tool for any damage, loose screws, or worn parts. If any issues are found, have the tool serviced by a qualified technician.

6. Troubleshooting

If you encounter issues with your drill, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed	Charge battery fully. Ensure battery is securely installed.
Reduced power or speed	Battery charge low	Recharge the battery pack.
Bit slips in chuck	Chuck not tightened sufficiently	Ensure the chuck is tightened firmly around the bit.

Problem	Possible Cause	Solution
Overheating	Blocked ventilation slots, continuous heavy use	Clean ventilation slots. Allow tool to cool down. Reduce load.

If the problem persists, contact customer support.

7. Specifications

Key technical specifications for the STANLEY FATMAX SCD711C2K-B1:

Feature	Specification
Model Number	SCD711C2K-B1
Power Source	Battery Powered
Voltage	20 Volts
Amperage	1.5 Amps (Battery)
Maximum Rotational Speed	1500 RPM
Maximum Chuck Size	13 Millimeters
Maximum Torque	50 Newton Meters
Drill Type	Hammer Drill
Drilling Capacity Wood	130 Millimetres
Item Weight	1.5 kg
Product Dimensions (LxWxH)	23.8 x 7.1 x 20.4 cm
Included Components	1 Cordless Tool, 2 Batteries, 1 Charger, Instruction Manual

8. Warranty and Support

This STANLEY FATMAX SCD711C2K-B1 Cordless Hammer Drill Machine comes with a**2-year warranty** from the date of purchase.

For any warranty-related issues, product feedback, or technical support, please contact STANLEY customer care:

- **Customer Care Number:** 1860-425-1111
- **Operating Hours:** 10 AM to 5 PM, Monday to Friday (except government holidays)

Manufacturer and Importer: Stanley Black & Decker India Private Ltd, #28, Akemps, 3rd Main, 1st Cross, Ashwini Layout Koramangala, Bangalore - 560047.

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