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Stanley MCD628D2K

Stanley Fatmax MCD628D2K 18V Brushless Cordless Hammer Drill User Manual

Model: MCD628D2K

1. Introduction

Thank you for choosing the Stanley Fatmax MCD628D2K 18V Brushless Cordless Hammer Drill. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

This cordless hammer drill is designed for percussion drilling and standard drilling applications. It features 24 torque settings and a brushless motor for enhanced performance and durability. An integrated LED light illuminates the work area for 20 seconds after the trigger is released.

2. Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **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. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Power 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 Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. Product Overview

Familiarize yourself with the components of your Stanley Fatmax MCD628D2K hammer drill.



An image showing the Stanley Fatmax MCD628D2K 18V Brushless Cordless Hammer Drill. The drill is yellow and black, with a battery pack attached at the base. The chuck, torque collar, and mode selector are visible at the front.

1. Keyless Chuck
2. Torque Adjustment Collar (24 settings)
3. Mode Selector (Drilling, Hammer Drilling)
4. Forward/Reverse Selector
5. Variable Speed Trigger
6. Integrated LED Work Light
7. Battery Release Button
8. Battery Pack (18V Lithium-ion)

4. Setup

4.1. Battery Installation and Charging

- Ensure the battery pack is fully charged before first use. Refer to your battery charger's instruction manual for proper charging procedures.
- To install the battery: Align the battery pack with the receptacle on the tool handle. Slide the battery pack into the tool until it clicks securely into place.
- To remove the battery: Press the battery release button and slide the battery pack out of the tool.

4.2. Bit Installation

- Rotate the keyless chuck counter-clockwise until the jaws are open wide enough to insert the drill bit.
- Insert the drill bit fully into the chuck.
- Rotate the keyless chuck clockwise to tighten the jaws securely around the drill bit. Ensure the bit is centered and firmly gripped.

5. Operating Instructions

5.1. Selecting Operating Mode

The mode selector allows you to choose between drilling and hammer drilling functions.

- **Drilling Mode:** For drilling into wood, metal, plastics, and for driving screws. Rotate the mode selector to the drill

icon.

- **Hammer Drilling Mode:** For drilling into masonry, concrete, and brick. Rotate the mode selector to the hammer icon.

5.2. Torque Adjustment

The torque adjustment collar has 24 settings. Select a lower torque setting for smaller screws or softer materials to prevent over-driving or stripping. Use higher settings for larger screws or harder materials. The highest setting is typically for drilling applications where maximum torque is desired.

5.3. Forward/Reverse Operation

The forward/reverse selector controls the direction of rotation. Push the selector to the left for forward rotation (drilling/driving). Push it to the right for reverse rotation (removing screws/backing out bits). Position the selector in the center to lock the trigger and prevent accidental starting.

5.4. Variable Speed Trigger

The variable speed trigger allows you to control the drilling speed. Press the trigger lightly for slower speeds and press it further for higher speeds. This provides greater control for various applications.

5.5. Integrated LED Work Light

The LED work light automatically illuminates when the trigger is pressed and remains on for approximately 20 seconds after the trigger is released, providing illumination for your work area.

6. Maintenance

6.1. Cleaning

- Keep the ventilation slots of the tool clean to prevent overheating.
- Use a soft, damp cloth to clean the tool casing. Do not use abrasive cleaners or solvents.
- Regularly remove dust and debris from the chuck and other moving parts.

6.2. Storage

- Store the tool and battery pack in a cool, dry place, away from direct sunlight and moisture.
- Ensure the battery pack is partially charged (around 50%) before long-term storage.
- Store out of reach of children.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed; Forward/Reverse selector in center (locked) position.	Charge battery and ensure it is securely installed; Move selector to forward or reverse position.
Reduced power or speed	Low battery charge; Incorrect torque setting for application.	Recharge battery; Adjust torque setting to a higher number or drilling mode.

Problem	Possible Cause	Solution
Bit slips in chuck	Chuck not tightened sufficiently; Bit shank is dirty or damaged.	Retighten chuck firmly; Clean or replace bit.
Overheating	Blocked ventilation slots; Prolonged heavy use.	Clean ventilation slots; Allow tool to cool down.

8. Specifications

Model Number	MCD628D2K
Brand	Stanley Fatmax
Power Source	Battery Powered
Voltage	18 Volts
Motor Type	Brushless
Torque Settings	24
Maximum Torque	55 Nm
Item Weight	4 kilograms
ASIN	B082FRFJSR
EAN	5035048700860

9. Warranty and Support

This Stanley Fatmax MCD628D2K hammer drill comes with the manufacturer's original warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

For technical support, service, or spare parts inquiries, please contact Stanley customer service. Information regarding spare parts availability may vary by region.
For further assistance, you may visit the official Stanley website or contact your local dealer.

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