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> Makita DF012DSE 7.2V Lithium-Ion Cordless 1/4" Hex Driver-Drill Kit User Manual

Makita DF012DSE

Makita DF012DSE 7.2V Lithium-Ion Cordless 1/4" Hex Driver-Drill Kit

Model: DF012DSE | Brand: Makita

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita DF012DSE 7.2V Lithium-Ion Cordless 1/4" Hex Driver-Drill Kit. Please read this manual thoroughly before using the tool to ensure proper handling and to maximize its performance and lifespan.



Figure 1: The Makita DF012DSE Driver-Drill Kit, including the driver-drill, charger, and two 7.2V Lithium-Ion 1.5Ah batteries, all contained within a durable teal tool case.

SAFETY INFORMATION

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.

- Ensure the tool is switched off before making any adjustments, changing accessories, or storing the tool.
- Use the correct tool for your application. Do not force the tool.
- Keep children and bystanders away while operating a power tool.
- Store idle tools out of reach of children and untrained persons.
- Maintain tools with care. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.

COMPONENTS AND INCLUDED ITEMS

Your Makita DF012DSE kit includes the following components:

- Makita DF012DSE 7.2V Lithium-Ion Cordless 1/4" Hex Driver-Drill
- (2) 7.2V Lithium-Ion 1.5Ah Batteries (BL0715)
- 7.2V - 12V max Lithium-Ion Charger (DC10WB)
- #2 Double Ended Phillips Bit (784244-7)

- Tool Case

SETUP

1. Charging the Battery

Before first use, fully charge the battery. Connect the charger (DC10WB) to a power outlet. Insert the 7.2V Lithium-Ion battery (BL0715) into the charger. The charging indicator light on the charger will show the charging status. A full charge typically takes approximately 30 minutes.

2. Installing the Battery

To install the battery, align the battery pack with the battery port on the tool and slide it in until it clicks into place. Ensure it is securely latched before operation.

3. Inserting a Bit

The DF012DSE features a 1/4" hex chuck. To insert a bit, pull the chuck collar forward, insert the 1/4" hex shank bit fully, and then release the collar. Tug on the bit to ensure it is securely locked in place.

OPERATING INSTRUCTIONS

1. Adjusting the Handle Position

The tool can operate in two positions: straight or pistol grip. To change the position, press the pivot release button (if present, or simply pivot the handle) and adjust the handle to the desired configuration. Ensure it locks securely in place.





Figure 2: The DF012DSE can be used in a pistol grip configuration (left) for general driving tasks or in a straight grip configuration (right) for reaching into confined spaces or for more precise control.

2. Selecting Speed

The DF012DSE features a 2-speed gear selection. Use the speed selector switch to choose between 200 RPM for low-speed, high-torque applications (e.g., driving screws) and 650 RPM for high-speed applications (e.g., drilling small holes).

3. Setting the Clutch and Auto-Stop Function

The tool has 21 clutch settings and a drill mode. Rotate the clutch ring to select the desired torque setting, from 32 in.Lbs. (setting #1) to 50 in.Lbs. (setting #21). For drilling, select the drill mode. The auto-stop clutch feature will automatically shut off the tool when the set torque is reached, preventing over-driving and damage to fasteners or materials.

4. Forward/Reverse Operation and LED Light

Use the forward/reverse rocker switch to select the direction of rotation. The tool also includes a built-in LED work light, operated by a separate switch, to illuminate the work area for improved accuracy.



Figure 3: The driver-drill in use, demonstrating its capability for driving fasteners. The compact design allows for use in various orientations.



Figure 4: The tool can also be used for drilling pilot holes in wood, showcasing its versatility beyond just driving screws.

MAINTENANCE

Cleaning

Regularly clean the tool's ventilation openings to prevent dust accumulation, which can cause overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.

Storage

When not in use, store the tool, batteries, and charger in a cool, dry place, away from direct sunlight and moisture. Store batteries fully charged to prolong their lifespan. Use the provided tool case for organized and protected storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not operate.	Battery not installed correctly or discharged.	Ensure battery is fully inserted. Charge battery if low.
LED light blinks.	Low battery indicator.	Recharge the battery.
Bit slips or does not hold.	Bit not fully inserted or chuck collar not released properly.	Re-insert bit, ensuring it clicks into place.
Tool stops unexpectedly during use.	Auto-stop clutch engaged (if torque setting reached) or overload protection.	This is normal operation for the auto-stop clutch. If due to overload, reduce pressure or use a lower speed setting.

SPECIFICATIONS

Feature	Detail
Model Number	DF012DSE
Voltage	7.2 Volts
Chuck Size	1/4" Hex (6.35 mm)
No-Load Speed (Low)	200 RPM
No-Load Speed (High)	650 RPM
Max Torque (Drilling Mode)	71 in.Lbs.
Clutch Settings	21 (32-50 in.Lbs.) + Drill Mode
Battery Type	Lithium-Ion
Battery Capacity	1.5 Ah
Item Weight	0.9 Pounds (tool only)
Product Dimensions	14.38"L x 10.75"W x 4.13"H (packaged)

WARRANTY AND SUPPORT

Makita provides a **3-year limited warranty** on the tool, battery, and charger for the DF012DSE kit. This warranty covers defects in materials and workmanship. For warranty claims or technical support, please contact Makita customer service or visit their official website. Keep your proof of purchase for warranty validation.

For additional resources, you may refer to the official [User Guide \(PDF\)](#) or [User Manual \(PDF\)](#) provided by Makita.