

LEEIKOO DZL00059

LEEIKOO 21V Cordless Drill Driver Instruction Manual

Model: DZL00059

1. INTRODUCTION

Thank you for choosing the LEEIKOO 21V Cordless Drill Driver. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read these instructions carefully before use and retain them for future reference.

2. GENERAL 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. 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 plug from the power source and/or 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 the battery pack is not in use, keep it away from other metal objects.

3. PRODUCT OVERVIEW AND COMPONENTS

The LEEIKOO 21V Cordless Drill Driver is a versatile tool designed for screw driving, drilling, and impact drilling tasks. It features a 10mm keyless chuck, 2-speed gearbox, 25+3 torque settings, and an integrated LED work light.



Image 1: LEEIKOO 21V Cordless Drill Driver and included accessories, including two batteries, charger, and various drill bits.

Accessory Details (34PCS)






			
1* Carry Case	2* Batteries	1* Charger	
Drilling for Wood	Drilling for Metal	Drilling for Stone	
			
6* Brad Point Drill Bit Ø4/5/6/10/12/14mm	6* Twist Drill Bit Ø4/5/6mm	3* Impact Drill Bit Ø5/6/8mm	1* Cordless Drill
Extending for Screwing	Screwing for Hex Nut	Screwing for Screw	Connection
			
1* Flexible Drill Shaft	9* Socket Wrench Ø5-13mm	3* 5cm Screwdriver Drill Bit Ø6.3mm	1* Fastening Pieces 1* Hex Screwdriver Holder

Image 2: Detailed view of the 34-piece accessory set, including various drill bits for wood, metal, and stone, screwdriver bits, socket wrenches, a flexible drill shaft, and a carry case.

4. SETUP

4.1 Battery Charging and Installation

- Charging the Battery:** Connect the charger to a power outlet and then connect the battery pack to the charger. The charging process typically takes 90 minutes for a full charge. The integrated battery indicator will show the charging status.
- Installing the Battery:** Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- Removing the Battery:** Press the battery release buttons on the sides of the battery pack and slide the battery out.

4.2 Installing Accessories (Drill Bits/Screwdriver Bits)

- Open the Chuck:** Rotate the chuck counter-clockwise until the jaws are wide enough to insert the desired accessory.
- Insert Accessory:** Insert the drill bit or screwdriver bit into the chuck as far as it will go.
- Tighten the Chuck:** Rotate the chuck clockwise until the accessory is firmly secured. Ensure it is

centered and tight to prevent slippage during operation.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

The drill is activated by pressing the trigger switch. The speed is variable depending on the pressure applied to the trigger. Release the trigger to turn off the drill.

5.2 Speed Settings

The drill features a 2-speed transmission, controlled by a switch located on top of the drill body.

- **Speed 1 (0-550 RPM):** Recommended for screw driving and applications requiring higher torque and lower speed.
- **Speed 2 (0-1850 RPM):** Recommended for drilling and applications requiring higher speed and lower torque.

2 Speed Transmission always meet your need



Image 3: Illustration of the 2-speed transmission switch, showing recommended RPM ranges for screw driving and drilling.

5.3 Torque Settings (25+3 Levels)

The torque adjustment ring allows you to select the appropriate torque for your task, preventing over-tightening of screws or damage to materials. The drill offers 25 torque settings for precise control, plus 3

special modes.

- **Settings 1-25:** For screw driving into various materials. Lower numbers for smaller screws or softer materials, higher numbers for larger screws or harder materials.
- **Drill Mode (Drill Bit Symbol):** For general drilling tasks without torque limitation.
- **Impact Drill Mode (Hammer Symbol):** For drilling into masonry or harder materials.



Image 4: Diagram illustrating the 25+3 torque settings, showing different material applications like wood, metal, brick, and concrete.

5.4 3-in-1 System

This drill driver offers three primary functions:

- **Screw Driving:** Use lower speed and appropriate torque settings for driving screws.
- **Drilling:** Use higher speed and drill mode for drilling holes in wood, metal, or plastic.
- **Impact Drilling:** Use impact drill mode for drilling into masonry or concrete.

Optimum power for every task **3-in-1 system**

(Max Torque: 42Nm)



Image 5: Visual representation of the 3-in-1 system, showing the drill performing screw driving, drilling, and impact drilling tasks.

5.5 Integrated LED Light and Battery Indicator

The drill is equipped with an integrated LED light that illuminates the work area when the trigger is pressed, improving visibility in dark spaces. A battery capacity indicator on the battery pack provides real-time information on the remaining charge.



Image 6: Close-up view of the drill's integrated LED light and the battery capacity indicator on the battery pack.

6. MAINTENANCE

- **Cleaning:** Keep the ventilation slots of the tool clean to prevent overheating. Use a soft, damp cloth to clean the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool and accessories in a dry, secure place, out of reach of children. Remove the battery pack before storing for extended periods.
- **Battery Care:** Do not store batteries in direct sunlight or in areas with high temperatures. For long-term storage, charge the battery to approximately 50% and recharge every 6 months.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly installed.	Charge the battery. Ensure the battery is securely installed.

Problem	Possible Cause	Solution
Loss of power during operation	Battery charge is low.	Recharge the battery.
Accessory (bit) wobbles or falls out	Chuck not tightened properly. Incorrect bit size.	Ensure the chuck is fully tightened. Use the correct shank size for the chuck.
Overheating	Blocked ventilation slots. Excessive load.	Clean ventilation slots. Reduce load or take breaks to allow cooling.

8. SPECIFICATIONS

Feature	Specification
Brand	LEEIKOO
Model Number	DZL00059
Voltage	21 Volts
Battery Type	Lithium-ion
Battery Capacity	2000 mAh (2.0 Ah)
Max Torque	42 N.m
No-Load Speed (Speed 1)	0-550 RPM
No-Load Speed (Speed 2)	0-1850 RPM
Torque Settings	25 + 3 (Drill, Impact Drill)
Chuck Size	10 mm (3/8")
Special Features	Integrated LED work light, Battery capacity indicator, Belt clip
Product Dimensions	32 x 24.6 x 10.5 cm
Weight	2.88 kg

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.