

ELIKLIV 12V Cordless Drill

ELIKLIV 12V Cordless Drill Instruction Manual

Model: 12V Cordless Drill

1. INTRODUCTION

Thank you for choosing the ELIKLIV 12V Cordless 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 use and keep it for future reference.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools.

- **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 (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating 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 tool for your application. Disconnect the battery pack from the 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 a battery pack or tool that is damaged or modified.

3. PACKAGE CONTENTS

Your ELIKLIV 12V Cordless Drill package includes the following items:

- 1 × ELIKLIV 12V Cordless Drill
- 2 × 1.5Ah Lithium-ion Battery
- 1 × Battery Charger

- 9 × Socket Wrenches (4-12mm)
- Additional drill bits and screwdriver bits (total 24 pieces)
- 1 × Durable Carrying Case

4. PRODUCT FEATURES

The ELIKLIV 12V Cordless Drill is designed for versatility and ease of use, featuring:

- **Two Variable Speeds:** Offers 0-450 RPM for low-speed tasks like screwdriving and 0-1350 RPM for high-speed drilling in wood, plastic, and soft metals.
- **18+1 Torque Settings:** Provides precise control for various applications, preventing overtightening or stripping screws.
- **10mm Keyless Chuck:** Allows for quick and easy bit changes without the need for a chuck key, featuring an automatic spindle lock.
- **Forward/Reverse Switch:** Conveniently located for switching between driving and removing screws, and for locking the tool.
- **Comfortable Design:** Features a balanced, smooth, and comfortable grip, reducing fatigue during prolonged use.
- **Lightweight:** Weighs approximately 1 kg with the battery, making it ideal for overhead work and easy handling.
- **Built-in LED Light:** Illuminates the work area, improving visibility in dark or confined spaces.



Image: Overview of the ELIKLIV 12V Cordless Drill highlighting its key features and components.

5. SETUP

5.1 Charging the Battery

1. Connect the charger to a standard power outlet.
2. Insert the battery pack into the charger. Ensure it clicks into place.
3. The indicator light on the charger will show the charging status. A full charge typically takes 1-2 hours.
4. Once fully charged, remove the battery from the charger.

5.2 Installing/Removing the Battery

- **Installation:** Align the battery pack with the base of the drill handle and slide it in until it locks securely.
- **Removal:** Press the battery release button (usually located on the side of the battery pack) and slide the battery out.

5.3 Installing/Removing Drill Bits or Screwdriver Bits

ELIKLIV 12V battery powered drill Kit is perfect for tasks around the home. Whether you're decorating your home, assembling furniture, tending your garage and workshop, or performing daily office, home maintenance or drilling holes in wood, plastic and metal as well as driving in/out screw, this drill set has got you covered.

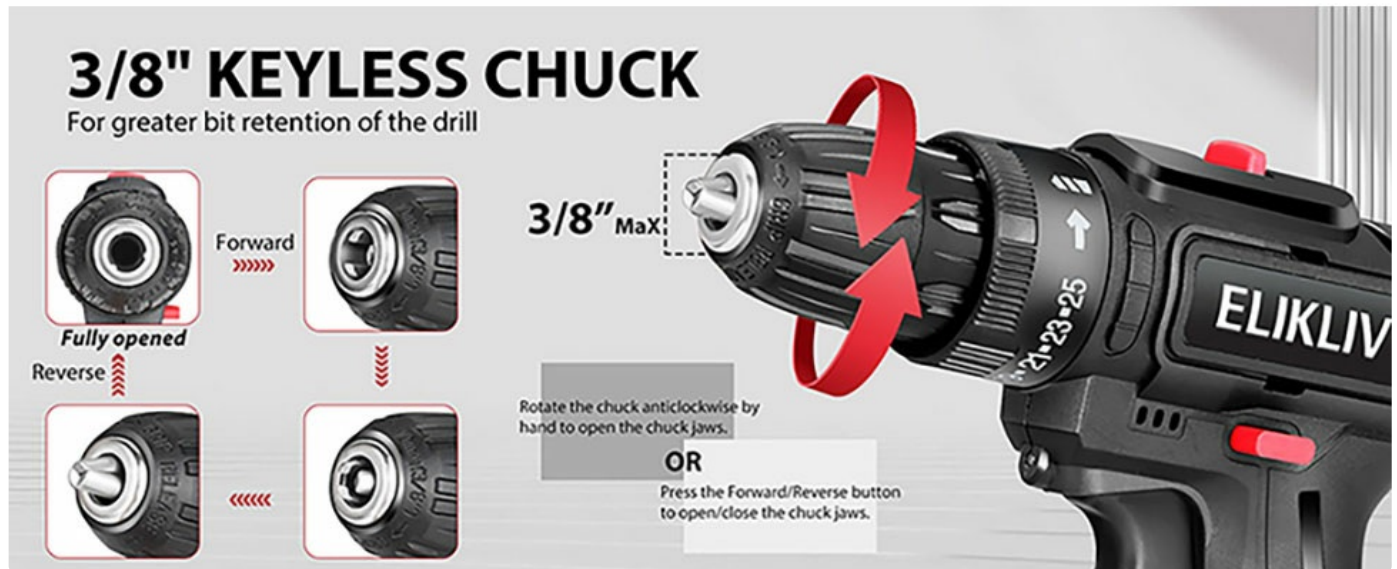


Image: Instructions for operating the 3/8" keyless chuck.

1. Ensure the drill is switched off and the forward/reverse switch is in the center (locked) position.
2. Rotate the chuck collar counter-clockwise to open the chuck jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck. Ensure it is centered and fully seated.
4. Rotate the chuck collar clockwise to tighten the jaws firmly around the bit. Hand-tighten only; do not use pliers.
5. To remove a bit, rotate the chuck collar counter-clockwise until the jaws open sufficiently.

5.4 Adjusting Torque and Speed

MAX.1250 RPM

VARIABLE SPEED



Image: Torque adjustment ring on the drill.

- **Torque Adjustment:** Rotate the torque adjustment ring (located behind the chuck) to select the desired setting. Lower numbers are for driving small screws or working with soft materials. Higher numbers are for larger screws or harder materials. The drill icon setting is for drilling.
- **Speed Selection:** Use the 2-speed gear selector switch on top of the drill. Position '1' is for low speed (0-450 RPM) and high torque, suitable for screwdriving. Position '2' is for high speed (0-1350 RPM) and lower torque, ideal for drilling.

0-1350RPM 10-35N.M The powerfucombination
of power not only turn!screws, but also
holes in wood,walls and metal



Image: Details of the speed selector, trigger, and LED light.

5.5 Forward/Reverse Control

The forward/reverse switch is located above the trigger. Push it to the left for forward rotation (driving screws/drilling) and to the right for reverse rotation (removing screws). When the switch is in the center position, the trigger is locked, preventing accidental startup.

6. OPERATING THE DRILL

6.1 General Operation

1. Ensure the battery is fully charged and securely installed.
2. Select the appropriate bit, torque setting, and speed for your task.
3. Set the forward/reverse switch to the desired direction.
4. Hold the drill firmly with both hands if possible, or with a secure grip.
5. Position the bit on the workpiece.
6. Press the trigger to start the drill. The integrated LED light will activate when the trigger is pressed.
7. Apply steady, even pressure. Do not force the drill.
8. Release the trigger to stop the drill.

6.2 Drilling

For drilling into various materials:

- **Wood:** Use wood drill bits. Start with a low speed to create a pilot hole, then increase speed as needed. Max drilling capacity: 20mm.
- **Metal:** Use high-speed steel (HSS) drill bits. Apply light pressure and use a cutting fluid to prevent overheating. Max drilling capacity: 10mm.
- **Concrete/Masonry:** While this drill is primarily for wood and metal, it can handle light masonry tasks with

appropriate masonry bits. Use a low speed and steady pressure.

Video: Demonstration of a cordless electric drill performing various drilling and screwdriving tasks.

6.3 Screwdriving

Select a screwdriver bit that fits the screw head perfectly. Use a low speed and a lower torque setting to avoid stripping the screw head or damaging the workpiece. Increase the torque setting gradually if the screw is not driving fully.



Image: Using the drill with a flexible shaft for screwdriving in tight spaces.

7. MAINTENANCE

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

- **Cleaning:** After each use, wipe the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper grip on bits.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries

for extended periods. Charge them periodically if not in use.

- **Storage:** Store the drill and its accessories in the provided carrying case in a dry, secure location out of reach of children.

8. TROUBLESHOOTING

If you encounter issues with your ELIKLIV 12V Cordless Drill, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly installed; Forward/reverse switch in locked position.	Charge battery; Reinstall battery correctly; Move switch out of center position.
Lack of power/torque	Battery low; Torque setting too low; Incorrect speed setting.	Recharge battery; Increase torque setting; Select high speed for drilling.
Bit slips in chuck	Chuck not tightened sufficiently; Bit shank is dirty or damaged.	Tighten chuck firmly; Clean or replace bit.
Overheating	Prolonged heavy use; Blocked ventilation.	Allow tool to cool down; Clear ventilation openings.

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	12V Cordless Drill
Voltage	12V
Battery Type	Lithium-ion
Battery Capacity	1.5 Ah
No-Load Speed (Low)	0-450 RPM
No-Load Speed (High)	0-1350 RPM
Max Torque	30 Nm
Torque Settings	18+1
Chuck Size	10mm (3/8 inch) Keyless
Wood Drilling Capacity	20mm
Metal Drilling Capacity	10mm
Product Dimensions	10 x 10 x 10 cm
Product Weight	1.74 kg (with battery)
Special Features	Variable Speed, LED Work Light

10. WARRANTY

Your ELIKLIV 12V Cordless Drill is covered by a standard manufacturer's warranty. Please refer to the product packaging or contact your retailer for specific warranty terms and conditions. A 15-day return period is typically offered for this product.

11. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact ELIKLIV customer service:

- **Website:** [Visit the ELIKLIV Store on Amazon](#)
- **Email:** support@elikliv.com (placeholder)
- **Phone:** +1-800-XXX-XXXX (placeholder)

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