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› Prostormer 17V Cordless Electric Drill Driver Instruction Manual

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Model: 17V Cordless Electric Drill Driver | Brand: Prostormer

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for purchasing the Prostormer 17V Cordless Electric Drill Driver. This manual provides essential information for the safe and efficient operation of your new tool. Please read all instructions carefully before use and retain this manual for future reference.

General Safety Warnings:

- Always wear eye protection and appropriate personal protective equipment.
- Keep the 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.

2. PRODUCT OVERVIEW AND COMPONENTS

The Prostormer 17V Cordless Electric Drill Driver is a versatile tool designed for drilling and fastening tasks. It features a powerful motor, adjustable torque settings, and a compact, lightweight design for ease of use.



Figure 2.1: Overview of the Prostormer 17V Brushless Impact Driver Kit, highlighting the brushless motor, 2x 2.0Ah batteries, 60N.m torque, and 2-speed functionality.

Key Features:

- **Variable Speed & Forward/Reverse:** Stepless speed control up to 1400 RPM, with easy forward and reverse switching.
- **High Torque & Auto-Stop:** Max 60 N.m torque with a 17V 2000mAh battery. Auto-stop in reverse prevents over-tightening.
- **Cordless & Lightweight:** Weighs approximately 1kg, offering portability and reduced fatigue during extended use.
- **Fast Charging:** 2000mAh batteries fully charge in 1.5 hours.
- **20+1 Torque Settings:** Precise torque adjustment for various materials and applications.
- **Integrated LED Light:** Illuminates the work area for improved visibility.
- **Flexible Shaft:** Included for reaching tight or awkward spaces.



Figure 2.2: Detailed view of the drill driver highlighting its key components: 3/8" keyless chuck, LED illumination ring, tool hook, and rotation direction switch.

Included Accessories:

- Drill Driver Main Unit
- 2x 2000mAh Lithium-ion Batteries
- Charging Adapter
- 8 Sockets
- 10 Bits
- Flexible Shaft
- Instruction Manual



Figure 2.3: The complete Prostormer 17V Cordless Electric Drill Driver kit, including the drill, two batteries, charger, various bits, sockets, and a carrying case.

3. SETUP AND ASSEMBLY

3.1 Battery Installation and Charging:

Ensure the battery is fully charged before first use. The battery can be fully charged in approximately 1.5 hours.

1. Insert the battery into the base of the drill handle until it clicks securely into place.
2. To remove, press the release button on the battery and slide it out.
3. Connect the charging adapter to the battery and plug it into a power outlet. The indicator light on the charger will show charging status.

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Video 3.1: Demonstrates the unboxing of a similar drill driver, showing battery insertion, bit changes, and charger connection. Note: The video shows a 12V model, but the battery and bit change process is analogous.

3.2 Bit and Socket Installation:

The drill driver uses a 3/8" keyless chuck for easy bit and socket changes.

1. Rotate the chuck counter-clockwise to open the jaws.
2. Insert the desired drill bit, screwdriver bit, or socket adapter into the chuck.
3. Rotate the chuck clockwise to tighten the jaws securely around the accessory. Ensure the accessory is firmly held before operation.



Figure 3.1: Illustration of the 20+1 torque settings and the simple method for changing bits using the keyless chuck.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Speed Control:

The tool is activated by pressing the trigger switch. Speed is controlled by the amount of pressure applied to the trigger.

- Press the trigger to start the drill. The more you press, the faster it rotates.
- Release the trigger to stop the drill.
- Use the two-speed selector switch (located on top of the drill) to choose between high speed (0-1300 RPM for drilling) and low speed (0-400 RPM for screwing).

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Figure 4.1: Demonstrates the two-speed adjustment feature, allowing selection between high speed for drilling and low speed for precise screwing.

4.2 Forward/Reverse Rotation:

The forward/reverse switch is located above the trigger.

- Push the switch to the left for forward rotation (tightening screws, drilling).
- Push the switch to the right for reverse rotation (loosening screws, removing bits).
- Center the switch to lock the trigger and prevent accidental starting.



Figure 4.2: Close-up of the rotation direction switch, used for selecting forward, reverse, or locking the trigger.

4.3 Torque Adjustment:

The torque collar allows you to select from 20+1 torque settings to match the application and material.

- Rotate the torque collar to the desired setting. Lower numbers are for smaller screws or softer materials, higher numbers for larger screws or harder materials.
- The drill setting (indicated by a drill bit icon) provides maximum torque for drilling operations.

20+1 調整クリッチ

正逆切替ボタン 3/8"キーレスチャック



Figure 4.3: The torque adjustment collar with 20+1 settings, allowing precise control for various tasks.

4.4 Integrated LED Light:

The LED light automatically illuminates when the trigger is pressed, providing visibility in dark work areas.

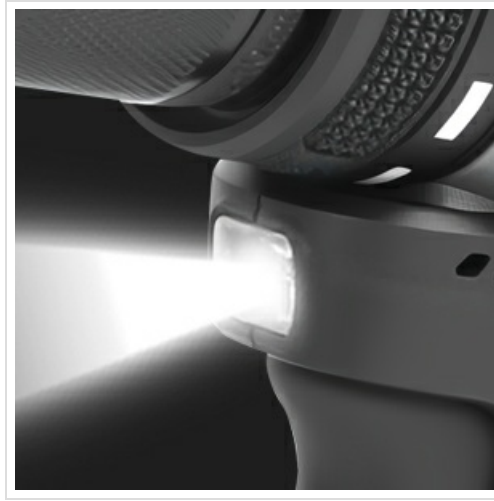


Figure 4.4: The integrated LED light illuminates the work surface when the drill is in operation.

4.5 Using the Flexible Shaft:

The included flexible shaft allows you to reach screws or drilling points in confined or awkward spaces.

- Insert the flexible shaft into the drill chuck as you would a regular bit.
- Attach the desired screwdriver bit to the end of the flexible shaft.
- Carefully guide the flexible shaft to the work area.

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Figure 4.5: The flexible shaft accessory enables access to fasteners in hard-to-reach locations, such as inside cabinets.

4.6 Application Examples:

This drill driver is suitable for a wide range of applications.



Figure 4.6: Examples of common applications: drilling into metal, driving screws into wood, and drilling into wood.

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Video 4.1: Demonstrates the compact design, bit set, and various applications including drilling into wood, metal, and tile. It also highlights the auto & smart functions and fast charging. Note: This video features a 16.8V model, but the operational principles are similar.

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Video 4.2: Shows the drill driver's features including LED light, battery installation, bit change, torque adjustment, forward/reverse function, and its use for screwing and drilling. Note: This video features a 16.8V model, but the operational principles are similar.

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Video 4.3: Provides a general product introduction for an electric driver, showcasing various uses, bit changes, and torque adjustment. Note: This video features a general electric driver, but the operational principles are similar.

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Video 4.4: Illustrates the electric drill driver's features such as LED light, battery, bit change, torque adjustment, forward/reverse, and its application in screwing and drilling. Note: This video features a general electric driver, but the operational principles are similar.

5. MAINTENANCE

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

- **Cleaning:** After each use, wipe the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tool and accessories in their carrying case in a dry, secure place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper gripping of bits.

6. TROUBLESHOOTING

If you encounter issues with your drill driver, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly installed; Forward/reverse switch in center (locked) position.	Charge battery and ensure it is securely installed; Move forward/reverse switch to forward or reverse position.
Reduced power or speed	Low battery charge; Incorrect speed setting for the task.	Recharge the battery; Select the appropriate speed setting (high for drilling, low for screwing).
Bit slips in chuck	Chuck not tightened sufficiently; Worn bit shank.	Tighten chuck firmly; Replace worn bits.

7. SPECIFICATIONS

Feature	Detail
Brand	Prostormer
Model	17V Cordless Electric Drill Driver
Product Dimensions	26.5 x 9.2 x 30.5 cm
Item Weight	2.34 Kilograms
Power Source	Battery Powered
Voltage	17 Volts
Battery Type	Lithium-ion
Battery Capacity	2000 mAh (x2 included)
Max Torque	60 N.m
No-load Speed	0-1400 RPM (High), 0-400 RPM (Low)
Torque Settings	20+1
Chuck Size	3/8 inch

8. WARRANTY AND SUPPORT

Prostormer is committed to providing high-quality products and excellent customer service.

- For any questions, concerns, or initial defects with your product, please contact our customer service team.
- Please refer to your purchase documentation for specific warranty terms and conditions.