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WAKYME 12.6V Cordless Drill Driver

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Instruction Manual

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1. 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 such as pipes, radiators, ranges, and refrigerators. 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; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **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.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

2. Product Overview

The WAKYME 12.6V Cordless Drill Driver is a versatile tool designed for various tasks including screwing, drilling, and DIY furniture assembly. It features a compact and lightweight design with an ergonomic grip for comfortable use.

Components

- **Keyless Chuck:** For quick and easy bit changes.

- **Torque Adjustment Ring:** To select desired torque setting.
- **Speed Selector Switch:** For high or low-speed operation.
- **Forward/Reverse Lever:** To change rotation direction and lock the trigger.
- **Trigger Switch:** For variable speed control and activating the LED light.
- **LED Work Light:** Illuminates the work area.
- **Battery Pack:** Rechargeable 1500mAh lithium-ion battery.
- **Ergonomic Handle:** Rubberized grip for comfort and vibration reduction.



Figure 2.1: Diagram of the WAKYME 12.6V Cordless Drill Driver highlighting key components.

3. Setup

3.1 Charging the Battery

Ensure the battery is fully charged before first use to maximize performance and battery life. The product includes two 1500mAh high-capacity batteries for extended operation.

1. Remove the battery pack from the drill driver by pressing the release buttons on the sides of the battery and pulling it out.
2. Connect the charger to a standard power outlet.
3. Insert the battery pack into the charger. The indicator light on the charger will show the charging status.
4. Once fully charged, disconnect the battery from the charger and unplug the charger from the outlet.



Figure 3.1: Illustration of the 12.6V battery being charged.

3.2 Installing the Battery

1. Align the battery pack with the base of the drill driver.
2. Slide the battery pack into the tool until it clicks securely into place. Ensure it is firmly seated to prevent accidental dislodgement during operation.

3.3 Installing/Removing Drill Bits

The 3/8-inch keyless chuck allows for one-handed bit changes with an automatic spindle lock.

1. To install a bit, rotate the chuck counter-clockwise until the jaws are open wide enough to insert the bit.
2. Insert the desired drill bit or screwdriver bit into the chuck.
3. Rotate the chuck clockwise to tighten the jaws around the bit until it is securely held. Do not overtighten.
4. To remove a bit, rotate the chuck counter-clockwise to loosen the jaws and pull the bit out.



Figure 3.2: Close-up view of the keyless chuck for bit installation.

4. Operating Instructions

4.1 Speed Selection

The drill driver offers two-speed settings (350 RPM/1500 RPM) for different applications. Use low speed for high torque applications like driving screws, and high speed for drilling.

1. Locate the speed selector switch on top of the drill.
2. Slide the switch to position '1' for low speed (0-350 RPM).
3. Slide the switch to position '2' for high speed (0-1500 RPM).



Figure 4.1: The drill driver showing the speed selector switch and forward/reverse lever.

4.2 Torque Adjustment

The drill driver features 18+3 torque settings, allowing you to adjust the clutch to prevent overtightening screws or damaging materials. The '3' settings are for drilling modes.

1. Rotate the torque adjustment ring, located behind the chuck, to the desired setting.
2. Lower torque settings (1-18) are for driving small screws or working with soft materials.
3. Higher torque settings or the drill icon setting are for drilling into harder materials.



Figure 4.2: Close-up of the torque adjustment ring with 18+3 settings.

4.3 Forward/Reverse Rotation and Safety Lock

The forward/reverse lever controls the direction of rotation and acts as a safety lock.

- To rotate clockwise (for tightening screws or drilling), push the lever to the left.
- To rotate counter-clockwise (for loosening screws), push the lever to the right.
- To engage the safety lock and prevent accidental operation, place the lever in the center position. The trigger will be locked, and the LED light will not activate.

4.4 Using the LED Work Light

A trigger-activated LED light illuminates the work area, which is particularly useful in dimly lit spaces.

- The LED light automatically turns on when the trigger is pressed.
- It will turn off when the trigger is released.



Figure 4.3: The integrated LED light illuminating the work area.

4.5 Applications

This drill driver is suitable for a wide range of materials and tasks, including:

- Drilling into wood, metal (up to 10mm), tile, concrete, and steel.
- Tightening and loosening screws for DIY furniture assembly and general repairs.
- Using the flexible shaft attachment for reaching screws in narrow or awkward spaces.



Figure 4.4: Examples of the drill driver being used on various materials like metal, cement, ceramic tile, marble, and wood.

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Video 4.1: Demonstration of the WAKYME 12.6V Cordless Drill Driver in action, drilling into wood.

5. Maintenance

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

- **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.
- **Chuck Care:** Periodically clean the chuck jaws to ensure proper gripping of bits. Remove any dust or debris.
- **Battery Storage:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to about 50% capacity.
- **Accessory Storage:** Store all drill bits and accessories in the provided accessory bag or case to keep them organized and protected.
- **Inspection:** Regularly inspect the tool for any signs of damage, loose screws, or worn parts. Do not operate a damaged tool.

6. Troubleshooting

If you encounter issues with your WAKYME 12.6V Cordless Drill Driver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Tool does not start	Battery not charged Battery not properly installed Forward/Reverse lever in center (locked) position	Charge the battery Reinstall battery securely Move lever to forward or reverse position
Reduced power or speed	Low battery charge Incorrect speed setting for task Overloading the tool	Recharge the battery Select appropriate speed (high for drilling, low for torque) Reduce pressure or use a larger drill bit
Bit slips in chuck	Chuck not tightened sufficiently Chuck jaws are dirty	Tighten chuck firmly Clean chuck jaws of debris
Overheating	Blocked ventilation slots Continuous heavy use	Clean ventilation slots Allow tool to cool down during extended use

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

7. Specifications

Feature	Specification
Brand	WAKYME
Power Source	Battery Powered
Voltage	12.6 Volts
Amperage	12.6 Amps
Max Rotation Speed	1500 RPM
Speed Settings	2 (0-350 RPM / 0-1500 RPM)
Torque Settings	18+3
Max Chuck Size	10 mm (3/8 inch)
Max Drilling Capacity (Metal)	10 mm
Battery Capacity	2 x 1500 mAh
Special Features	Built-in LED work light, Forward/Reverse switch, Safety lock
Weight	Approx. 1.8 lbs (tool only)
Dimensions (Chuck to Back)	Approx. 7 inches
Included Components	Drill attachment, 2 batteries, charger, accessory bag with various bits (twist, wood, tile, screwdriver, sockets), flexible shaft.

Feature	Specification
UPC	680577496859
ASIN	B0817QMQ5F

8. Warranty and Support

WAKYME is committed to providing quality products. For detailed warranty information, please refer to the warranty card included with your product or contact our customer support.

Customer Support

If you have any questions, concerns, or require assistance with your WAKYME 12.6V Cordless Drill Driver, please do not hesitate to contact us. Our support team is available to help you.

- **Contact Information:** Please refer to the contact details provided in your product packaging or on the official WAKYME website.
- **Online Resources:** Visit the WAKYME website for FAQs, product registration, and additional support materials.

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