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› [IRIS OHYAMA](#) /

› IRIS OHYAMA Cordless Electric Drill Driver JCD-421-D Instruction Manual

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Model: JCD-421-D

INTRODUCTION

Thank you for purchasing the IRIS OHYAMA Cordless Electric Drill Driver JCD-421-D. 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.

PRODUCT OVERVIEW

The IRIS OHYAMA JCD-421-D is a versatile cordless electric drill driver designed for various tasks, from assembling furniture to drilling holes. Its compact design and rechargeable battery offer convenience and portability.



Image: The IRIS OHYAMA Cordless Electric Drill Driver JCD-421-D with its included accessories.

Key Features:

- Rechargeable design for cordless operation.
- Ergonomic grip for comfortable handling.
- Forward and reverse rotation for tightening and loosening screws.
- Integrated LED light to illuminate the work area.
- Suitable for various assembly and drilling tasks.

Product Video:

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Video: A 360-degree view of the IRIS OHYAMA Cordless Electric Drill Driver, showcasing its design and features.

SETUP

1. **Charging the Battery:** Before first use, fully charge the battery using the provided charger. Connect the charger to a power outlet and then to the battery pack. The charging indicator will show the charging status.
2. **Inserting a Bit:**
 - Ensure the drill driver is turned off and the forward/reverse switch is in the neutral (locked) position.
 - Twist the chuck counter-clockwise to open the jaws.
 - Insert the desired screwdriver bit or drill bit into the chuck.
 - Twist the chuck clockwise to securely tighten the jaws around the bit. Ensure the bit is firmly seated.
3. **Attaching Accessories (if applicable):** If your model includes additional attachments like an angle adapter or offset adapter, align the attachment with the drill driver's spindle and push until it clicks into place.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press the trigger switch to turn the drill driver on. Release the trigger to turn it off.
2. **Forward/Reverse Rotation:**
 - To tighten screws or drill, push the forward/reverse switch to the left (forward rotation).
 - To loosen screws or remove bits, push the forward/reverse switch to the right (reverse rotation).
 - For safety, set the switch to the center position to lock the trigger when not in use.
3. **Adjusting Torque:** The drill driver features a torque adjustment ring. Rotate the ring to select the desired torque setting. Lower settings are for smaller screws and softer materials, while higher settings are for larger screws and harder materials. This prevents overtightening and stripping screws.
4. **Using the LED Light:** The integrated LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas.
5. **Screwdriving:**
 - Select the appropriate screwdriver bit.
 - Place the bit onto the screw head.
 - Apply firm, steady pressure and press the trigger. Drive the screw until it is flush with the surface or the clutch engages (if torque is set).
6. **Drilling:**
 - Select the appropriate drill bit for the material.
 - Mark the drilling location.
 - Hold the drill driver firmly and position the bit on the mark.
 - Apply steady pressure and press the trigger. Maintain a consistent speed and pressure while drilling.

MAINTENANCE

- **Cleaning:** Regularly clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are free from dust and debris.
- **Battery Care:**
 - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
 - Do not store fully discharged batteries for extended periods. Recharge them periodically.
 - Do not expose batteries to water or fire.
- **Bit Storage:** Store bits in a dry place to prevent rust. Replace worn or damaged bits to ensure optimal performance and safety.
- **General Inspection:** Periodically check for loose screws, damaged cords (if applicable), or any other signs of wear or damage. If any issues are found, discontinue use and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	Battery is discharged or not properly inserted.	Charge the battery. Ensure the battery is securely inserted into the tool.

Problem	Possible Cause	Solution
Bit slips or does not tighten.	Chuck is not tightened sufficiently or bit is worn.	Ensure the chuck is fully tightened. Replace worn bits.
Screw head strips easily.	Torque setting is too high or incorrect bit used.	Adjust the torque setting to a lower value. Use the correct bit size for the screw.
Drill bit gets stuck.	Excessive pressure or incorrect drilling technique.	Reduce pressure. Ensure the drill is perpendicular to the surface. Use reverse rotation to extract the bit.

SPECIFICATIONS

Specification	Value
Brand	IRIS OHYAMA
Model Number	JCD-421-D
Power Source	Battery Powered
Voltage	7.4 Volts
Feature	Rechargeable
Included Accessories	12-piece Bit Set

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official IRIS OHYAMA website. If you encounter any issues or require technical assistance, please contact IRIS OHYAMA customer support.

Official Website: [IRIS OHYAMA Store on Amazon.co.jp](#)