

[Manuals.plus](#) /

> [BIHOO](#) /

> BIHOO 12V Cordless Drill Driver Kit User Manual

BIHOO 12V Cordless Drill Driver Kit

BIHOO 12V Cordless Drill Driver Kit User Manual

Model: 12V Cordless Drill Driver Kit

Brand: BIHOO

INTRODUCTION

This manual provides essential information for the safe and effective operation of your BIHOO 12V Cordless Drill Driver Kit. Please read these instructions carefully before using the tool and retain them for future reference. This kit is designed for drilling into wood, metal, and plastic, as well as for driving and removing screws in various DIY projects and home repairs.



Image: The BIHOO 12V Cordless Drill Driver Kit, including the drill, battery, charger, and a comprehensive set of drill bits and screwdriver bits.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric tools 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 safety glasses, goggles, or a face shield. Wear hearing protection when operating noisy tools. Dress properly; avoid 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.

PACKAGE CONTENTS AND COMPONENTS

Package Contents:

- 1x BIHOO 12V Cordless Drill Driver
- 1x 12V Lithium-Ion Battery
- 1x Fast Charger
- Assorted Drill Bits (Twist Drill Bits, Pointed Twist Drill Bits)
- Assorted Screwdriver Bits (10*25mm)
- Hexagonal Screwdriver Holder
- Flexible Shaft Driver
- Replaceable Sleeves (Sockets)

VARIOUS ACCESSORIES

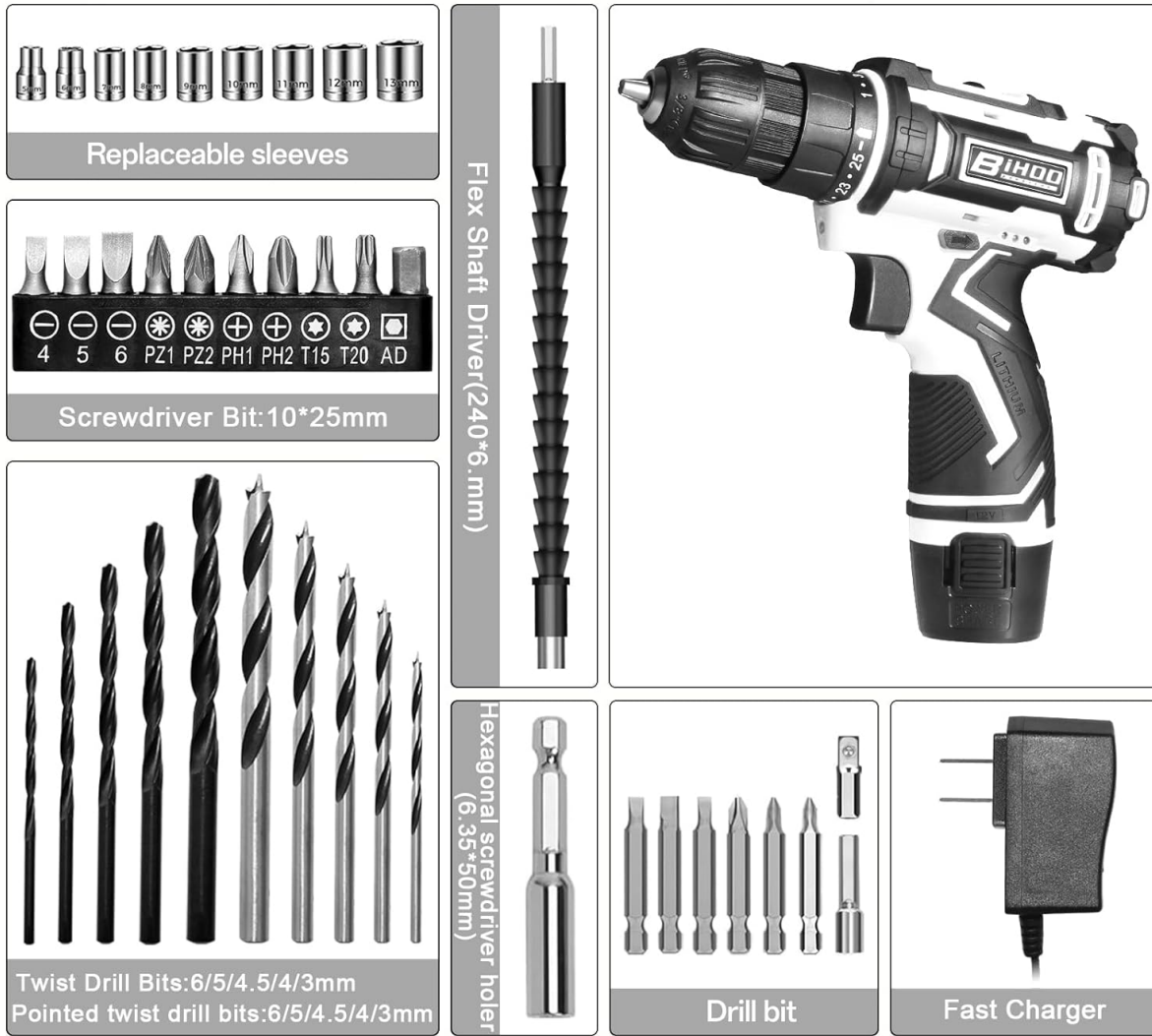


Image: A detailed view of the various accessories included in the kit, such as drill bits, screwdriver bits, flexible shaft, and sockets.

Drill Driver Components:



Image: Labeled diagram illustrating the main components of the drill driver, including the 10mm (3/8") Keyless Chuck, LED Work Light, Variable Speed Trigger, Forward and Reverse Button, Two Speed Switch, Heat Dissipation Vent, Ergonomic Handle, and Battery Pack.

1. **10mm (3/8") Keyless Chuck:** For quick and easy bit changes.
2. **LED Work Light:** Illuminates the work area.
3. **Variable Speed Trigger:** Controls the drilling/driving speed.
4. **Forward and Reverse Button:** Changes rotation direction and acts as a safety lock.
5. **Two Speed Switch:** Selects between low (0-400 RPM) and high (0-1600 RPM) speed.
6. **Torque Adjustment Ring:** Sets the clutch for 25+1 torque settings.
7. **Heat Dissipation Vent:** Helps cool the motor during operation.
8. **Ergonomic Handle:** Provides comfortable grip.
9. **Battery Pack:** Removable 12V Lithium-Ion battery.

SETUP

1. Charging the Battery:

Before first use, fully charge the 12V lithium-ion battery. Connect the charger to a standard power outlet and then connect the battery pack to the charger. The indicator light on the charger will show the charging status. A full charge typically takes approximately 1 hour.

2. Installing/Removing the Battery Pack:

- **Installation:** Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- **Removal:** Press the battery release buttons on the sides of the battery pack and slide the battery out of the handle.

3. Installing/Removing Drill Bits or Screwdriver Bits:

- **Installation:** Rotate the keyless chuck counter-clockwise to open the jaws. Insert the desired drill bit or screwdriver bit into the chuck. Rotate the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held.
- **Removal:** Rotate the keyless chuck counter-clockwise to loosen the jaws and remove the bit.

OPERATING INSTRUCTIONS

1. Powering On/Off and Forward/Reverse Control:

The drill is activated by pressing the variable speed trigger. The forward/reverse button, located above the trigger, controls the direction of rotation. Push it to the left for forward (clockwise) rotation, and to the right for reverse (counter-clockwise) rotation. When the button is in the center position, the trigger is locked, preventing accidental activation.

2. Speed Control:

The drill features a two-speed switch located on top of the tool. Slide the switch to position '1' for low speed (0-400 RPM) and high torque, suitable for precision screwdriving and larger drilling tasks. Slide the switch to position '2' for high speed (0-1600 RPM) and lower torque, ideal for fast drilling into softer materials.



Image: Illustration of the two-speed zones (1 for low speed, 2 for high speed) and a table detailing recommended applications, torque, and speed for screw mode and drilling mode.

3. Torque Settings:

The torque adjustment ring allows you to select from 25 torque settings plus a drill mode. Rotate the ring to align the desired number with the arrow indicator. Lower numbers provide less torque, suitable for small screws and soft materials, preventing overtightening or stripping. Higher numbers provide more torque for larger screws and harder materials. The drill icon setting bypasses the clutch for maximum torque, suitable for drilling applications.

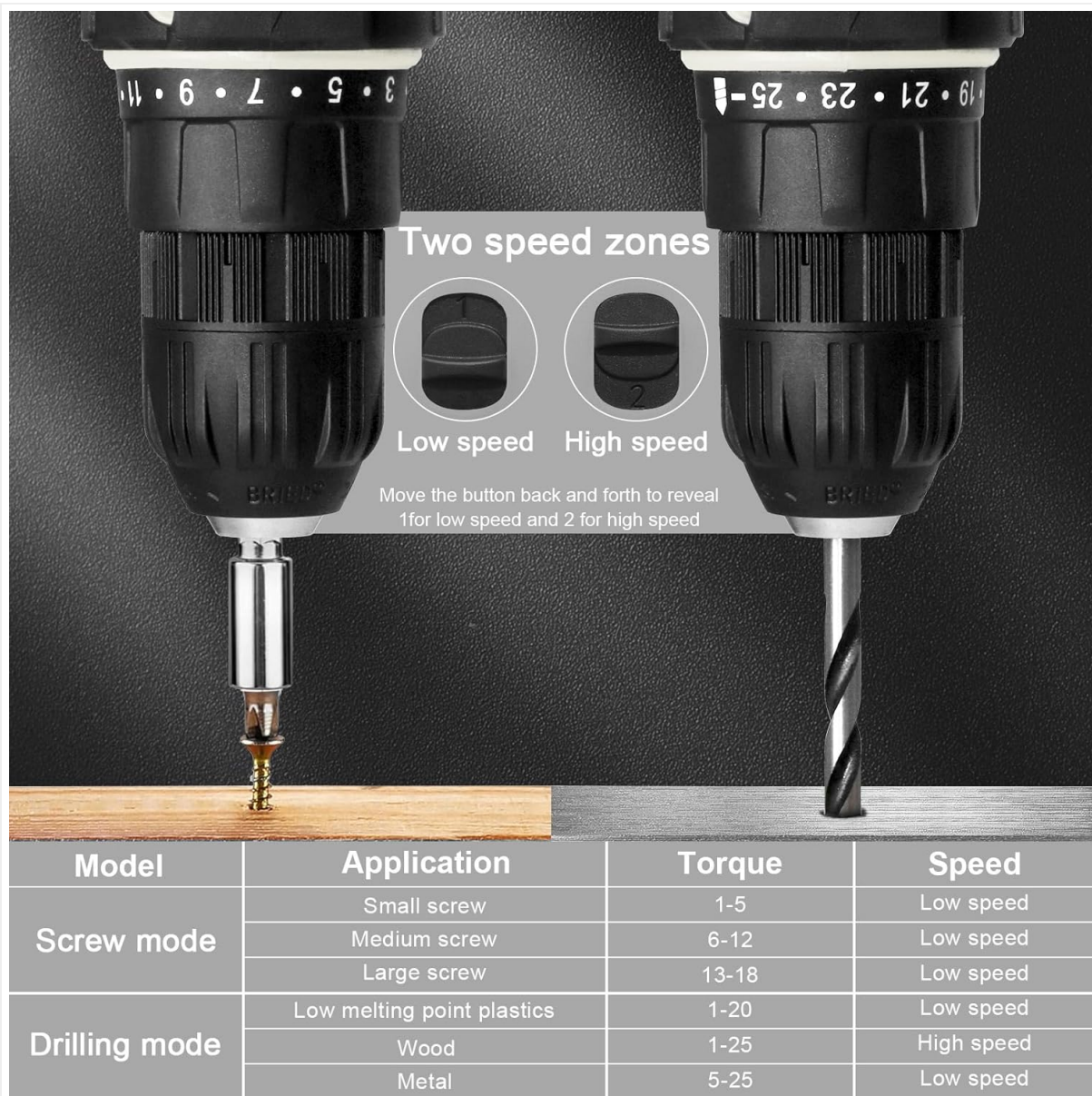


Image: Visual guide to the 25+1 torque settings, indicating appropriate settings for different materials like wood, metal, plastics, and screws. It also notes that low speed is for high torque on soft materials, and high speed is for low torque on hard materials.

4. LED Work Light:

The integrated LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit or confined work areas. This enhances accuracy and safety during operation.



Image: The drill driver in operation, demonstrating the effectiveness of the built-in LED light when working in a dark cabinet space.

5. Drilling and Screwdriving Techniques:

- **Drilling:** Select the appropriate drill bit and speed setting. Apply steady, even pressure. For harder materials, use a slower speed and apply cutting fluid if necessary.
- **Screwdriving:** Select the correct screwdriver bit and torque setting. Start with a lower torque setting and increase if needed to avoid stripping the screw head or damaging the workpiece.

25+1 TORQUE SETTING

Allow Screwdriving Power to be Adjusted to Suit Large or Small Fixings with Little Chance of Damage



Wood



Metal



Plastics



Screws



Low speed high torque for soft material
High speed low torque for hard material

Image: A close-up of the drill driver being used for screwdriving into a wooden component, demonstrating precise control.



Image: The drill driver in action, drilling a hole into a wooden plank, illustrating its capability for drilling tasks.

MAINTENANCE

1. Cleaning:

Regularly clean the ventilation slots on the drill to prevent overheating. Use a soft, damp cloth to wipe down the tool. Do not use harsh chemicals or abrasive cleaners. Ensure the tool is dry before storage.

2. Storage:

Store the drill driver and its accessories in a dry, secure place, out of reach of children. Remove the battery pack from the tool before storage, especially for extended periods.

3. Battery Care:

To prolong battery life, avoid fully discharging the battery before recharging. Store batteries in a cool, dry place. Do not expose batteries to extreme temperatures or direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Drill does not start.	Battery not charged or not properly 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 (low for high torque, high for speed).
Bit slips in chuck.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Ensure chuck is fully tightened. Clean or replace the bit.
Overheating during use.	Blocked ventilation slots. Continuous heavy use.	Clean ventilation slots. Allow the tool to cool down during prolonged use.

SPECIFICATIONS

Feature	Specification
Brand	BIHOO
Power Source	Battery Powered
Voltage	12 Volts
Amperage	1.5 Amps
Maximum Rotational Speed	1600 RPM
Number of Speeds	2
Maximum Torque	25 Newton Meters
Torque Settings	25+1
Maximum Chuck Size	0.37 Inches (3/8")
Drill Type	Basic Drill Driver
Drilling Capacity (Wood)	0.38 Inches
Item Dimensions (L x W x H)	9.2"L x 8"W x 2.76"H
Item Weight	1.4 Kilograms
Material Type	Plastic
Included Components	Batteries, Charger, Drill Bits

WARRANTY INFORMATION

Please refer to the warranty card included with your product for specific warranty terms and conditions. Typically, BIHOO products come with a limited warranty covering manufacturing defects from the date of purchase. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact BIHOO customer support. Refer to the contact information provided on the product packaging or the official BIHOO website.

Note: Product specifications and features are subject to change without prior notice.