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› Bielmeier 4V Cordless Screwdriver and 85-Piece Household Tool Set Instruction Manual

BIELMEIER B0DMD2XLKH

Bielmeier 4V Cordless Screwdriver and 85-Piece Household Tool Set

MODEL: B0DMD2XLKH

Introduction

This instruction manual provides essential information for the safe and effective use of your Bielmeier 4V Cordless Screwdriver and 85-Piece Household Tool Set. Please read this manual thoroughly before operating the tools and retain it for future reference. Understanding the proper operation and maintenance procedures will ensure optimal performance and longevity of your tool set.

Product Overview

The Bielmeier 85-piece household tool set includes a 4V cordless screwdriver and a variety of useful hand tools designed for general home improvement and DIY tasks. The set is organized in a compact storage bag for convenience.

Included Components:

- 4V Cordless Screwdriver
- 25-piece Screwdriver Bit Set
- 60mm Magnetic Extension Bit Holder
- Torpedo Level
- Slip-joint Pliers
- Adjustable Wrench
- 10FT Tape Measure
- Utility Knife
- 10oz Claw Hammer
- Type-C Charging Cable
- Compact Storage Bag
- Assorted Screws and Zip Ties

Visual Guide to Components:

FOLDABLE DESIGN

90-180 Degrees Rotation



Figure 1: The complete Bielmeier 85-Piece Household Tool Set, including the pink and black storage bag, cordless screwdriver, and various hand tools.



Figure 2: The 4V cordless screwdriver showing the magnetic bit holder and a selection of screwdriver bits, including Phillips, Flat, Hex, and Torx types.



Figure 3: A display of the included hand tools: adjustable wrench, claw hammer, slip-joint pliers, utility knife, and 10FT tape measure, all featuring pink accents.

Setup

1. Charging the Cordless Screwdriver

Before first use, fully charge the 4V cordless screwdriver. Use the provided Type-C charging cable. The charging time is approximately 3 to 5 hours. The screwdriver uses a Lithium Ion battery.

- Connect the Type-C cable to the charging port on the screwdriver.
- Connect the other end of the cable to a compatible USB power source (not included).
- An indicator light (if present) will show the charging status. Refer to the screwdriver's specific indicator light behavior for full charge confirmation.

2. Attaching Screwdriver Bits

The screwdriver features a magnetic bit holder for easy and secure bit changes.

- Select the appropriate screwdriver bit for your task from the 25-piece set.
- Insert the bit firmly into the magnetic bit holder at the front of the screwdriver. The magnetic connection will secure the bit in place.

- For extended reach, use the 60mm magnetic extension bit holder before inserting the desired bit.



Figure 4: Illustration of inserting a screwdriver bit into the magnetic bit holder. The magnetic feature ensures a secure fit.

3. Adjusting the Handle (90-180 Degrees Rotation)

The screwdriver handle can be adjusted for different working angles.

- Locate the push button on the top of the screwdriver handle.
- Press and hold the button to rotate the handle from a pistol grip (90 degrees) to a straight inline position (180 degrees).
- Release the button once the desired angle is achieved. Ensure the handle locks securely into place before operation.



Figure 5: The screwdriver's foldable design allows for 90-degree pistol grip or 180-degree inline operation, adapting to various tasks and tight spaces.

Operating Instructions

1. Using the Cordless Screwdriver

- **Forward/Reverse Button:** Locate the slide switch on the side of the screwdriver. Slide it forward for clockwise rotation (tightening screws) and backward for counter-clockwise rotation (loosing screws). The middle position is for locking the trigger.
- **Trigger Activation:** Squeeze the main trigger to activate the screwdriver.
- **LED Light:** The built-in LED light illuminates the work area when the trigger is pressed, improving visibility in dark spaces.

- **Application:** Position the screwdriver bit onto the screw head. Apply gentle, steady pressure and squeeze the trigger. Avoid excessive force, especially when driving screws into soft materials or pre-drilled holes, to prevent stripping the screw head or damaging the material.

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Figure 6: The cordless screwdriver in use for furniture assembly, demonstrating its ease of handling.



Figure 7: The screwdriver being used to install blinds, highlighting its versatility for overhead tasks.

Figure 8: Examples of the screwdriver's use in different orientations and for various tasks, including driving screws into wood and reaching tight angles.

Video Demonstration: Cordless Screwdriver Set

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Video 1: A demonstration of the BCSD-85K Pink cordless screwdriver set, showcasing its features and ease of use for various tasks.

2. Using Other Hand Tools

- **10FT Tape Measure:** Extend the tape measure to determine lengths and distances. Use the lock button to hold the tape in place.
- **Torpedo Level:** Place the level on a surface to check for horizontal or vertical alignment. The bubbles in the vials indicate levelness.
- **Claw Hammer:** Use the hammer for driving nails or the claw end for pulling them out. Ensure a firm grip and proper striking technique.
- **Adjustable Wrench:** Adjust the jaw opening to fit nuts and bolts of various sizes. Use for tightening or

loosening fasteners.

- **Slip-joint Pliers:** Use for gripping, bending, or cutting wires and small objects. The slip-joint allows for two jaw positions.
- **Utility Knife:** Extend the blade for cutting various materials. Always retract the blade when not in use for safety.



Figure 9: Demonstrations of the adjustable wrench, claw hammer, slip-joint pliers, utility knife, and tape measure in practical applications.

Maintenance

1. Cleaning

- Regularly wipe down all tools with a clean, dry cloth to remove dust and debris.
- For stubborn grime, a slightly damp cloth can be used, followed by immediate drying.
- Ensure no moisture enters the electrical components of the cordless screwdriver.

2. Storage

- Store all tools in the provided compact storage bag when not in use. This protects them from damage and keeps them organized.

- Store the tool set in a dry environment, away from extreme temperatures and direct sunlight.
- Keep out of reach of children.

3. Battery Care

- Recharge the Lithium Ion battery as needed. Avoid completely draining the battery before recharging to prolong its lifespan.
- If storing the screwdriver for an extended period, charge it to approximately 50% capacity and recharge every 3-6 months.
- Always use the provided Type-C charging cable.

Troubleshooting

Problem	Possible Cause	Solution
Screwdriver not turning on or low power.	Battery is low or depleted.	Charge the screwdriver fully using the Type-C cable. Ensure the charging cable is properly connected.
Screwdriver bit slips or strips screw head.	Incorrect bit size, worn bit, or excessive pressure.	Ensure the correct bit size is used for the screw. Replace worn bits. Apply steady, moderate pressure, and avoid over-tightening.
Screwdriver handle does not lock in position.	Release button not fully engaged or debris in mechanism.	Ensure the handle is rotated until it clicks into place. Check for any obstructions around the pivot point.
Battery drains quickly when not in use.	No dedicated "off" button, leading to slow discharge.	This model may not have a hard "off" switch. To minimize discharge, ensure the forward/reverse switch is in the middle (locked) position when stored. Regular charging is recommended if stored for long periods.

Specifications

Feature	Detail
Brand	BIELMEIER
Model Number	B0DMD2XLKH
Number of Items	85 (including screwdriver and accessories)
Head Style	Mixed (Phillips, Flat, Hex, Torx, etc.)
Material	Plastic (housing), Metal (tool components)
Color	Pink
Power Source	Battery Powered
Voltage	4 Volts
Wattage	5.2 Watt-hours
Torque	4.5 Newton Millimeters

Feature	Detail
Speed	250 RPM
Battery Type	1 Lithium Ion battery (included)
Item Weight	5.1 pounds (2.32 Kilograms)
Product Dimensions (L x W x H)	30.99 x 19 x 18.01 inches

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Bielmeier website. Keep your purchase receipt as proof of purchase.