

ERBAUER ERH18-LI

Erbauer ERH18-Li Brushless 18V Rotary Hammer Drill User Manual

Model: ERH18-LI | Brand: ERBAUER

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Erbauer ERH18-Li Brushless 18V Rotary Hammer Drill. Please read this manual thoroughly before using the tool and keep it for future reference.

The Erbauer ERH18-Li is a powerful rotary hammer drill designed for demanding tasks, offering versatility with its 4-in-1 multifunctionality. It is part of the EXT 18V battery system, allowing for interchangeable battery use across multiple Erbauer EXT tools. The advanced brushless motor technology ensures enhanced power, higher torque, and extended tool life.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **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 (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating noisy tools. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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 remove the battery pack before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- Erbauer ERH18-Li Brushless 18V Rotary Hammer Drill (tool only)
- Anti-vibration side handle

- Quick-change metal depth gauge
- Instruction Manual

Note: Battery and charger are sold separately. This tool is compatible with all Erbauer EXT 18V batteries and chargers.

4. PRODUCT OVERVIEW



Figure 1: Erbauer ERH18-Li Brushless 18V Rotary Hammer Drill with side handle and depth gauge attached.

This image displays the Erbauer ERH18-Li rotary hammer drill from a slightly elevated front-right angle. The tool features a blue and black body with red accents on the mode selector and trigger. The anti-vibration side handle is attached to the front, and a metal depth gauge extends from the top of the tool. The SDS plus chuck is visible at the front.

The Erbauer ERH18-Li is engineered for durability and performance. Key features include:

- **Brushless Motor:** Provides revolutionary performance with more power, higher torque, and longer tool and battery life.
- **4-in-1 Multifunction:** Quick and easy mode changes between Rotary Drill, Rotary Hammer Drill, Hammer (Chisel), and Chisel Rotation.
- **SDS Plus Chuck:** Enables quick, tool-free bit changes and exceptional power transfer.
- **Anti-Vibration Auxiliary Handle:** Reduces vibrations for increased comfort and control during extended use.
- **Adjustable Depth Stop Rule:** For precise drilling depth, preventing over-drilling.

5. SETUP

5.1. Battery Installation

1. Ensure the tool is switched off.
2. Align the battery pack with the battery port on the tool.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

5.2. Attaching the Side Handle and Depth Gauge

1. Loosen the side handle clamp by rotating it counter-clockwise.
2. Slide the handle onto the front collar of the drill.
3. Insert the metal depth gauge into the hole on the side handle.
4. Adjust the handle and depth gauge to your desired position and tighten the clamp by rotating it clockwise.

5.3. Installing SDS Plus Drill Bits/Chisels

1. Clean the shank of the drill bit/chisel.
2. Pull back the chuck collar on the tool.
3. Insert the SDS Plus bit into the chuck until it locks into place.
4. Release the chuck collar. Pull on the bit to ensure it is securely seated. A slight axial play is normal for SDS Plus systems.
5. To remove, pull back the chuck collar and pull the bit out.

6. OPERATING INSTRUCTIONS

6.1. Selecting Operating Mode

The ERH18-Li features a 4-in-1 mode selector for various applications:

- **Rotary Drill Mode (Drill Icon):** For drilling in wood, metal, and plastics without hammer action.
- **Rotary Hammer Drill Mode (Drill + Hammer Icon):** For drilling in concrete, masonry, and stone with hammer action.
- **Hammer Mode (Hammer Icon):** For chiseling and demolition work without rotation.
- **Chisel Rotation Mode (Chisel + Arrow Icon):** Allows for adjusting the chisel angle for optimal working position.

To change modes, rotate the mode selector switch to the desired icon. Ensure the switch clicks firmly into place.

6.2. Using the Depth Gauge

The adjustable depth stop rule allows for precise drilling depth:

1. Insert the drill bit into the chuck.
2. Place the tip of the drill bit against the surface to be drilled.
3. Slide the depth gauge through the side handle until its end touches the surface.
4. Pull the drill bit back by the desired drilling depth.
5. Tighten the side handle clamp to secure the depth gauge.
6. Drill until the end of the depth gauge touches the surface.

6.3. Starting and Stopping the Tool

- To start the tool, press the trigger switch.
- To stop the tool, release the trigger switch.
- The tool features a variable speed trigger; pressing it further increases the speed.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Keep the ventilation openings clear and clean. Use a soft, damp cloth to clean the tool casing. Do not use harsh chemicals or abrasive cleaners.
- **Lubrication:** The SDS Plus chuck requires occasional lubrication. Apply a small amount of grease to the shank of the drill bits before insertion to reduce wear.
- **Storage:** Store the tool in a dry, secure place out of reach of children. Remove the battery pack before storage.

- **Inspection:** Regularly inspect the tool for any signs of damage, loose screws, or worn parts. Do not use a damaged tool.

8. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Reduced power or performance.	Low battery charge; Worn drill bit/chisel; Overload protection activated.	Recharge battery; Replace worn accessories; Reduce pressure on the tool.
Excessive vibration.	Loose side handle; Damaged accessory; Internal issue.	Tighten side handle; Replace accessory; Contact service center if problem persists.
Bit not locking into chuck.	Chuck collar not pulled back enough; Dirty bit shank; Damaged chuck.	Pull chuck collar fully back; Clean bit shank; Seek professional repair if chuck is damaged.

9. SPECIFICATIONS

Feature	Detail
Brand	ERBAUER
Model Number	ERH18-LI
Power Source	Battery (18V)
Voltage	18 Volts
Impact Energy	2 Joules
Maximum Torque	20 Newton-meters
Drill Type	Combination Drill / Rotary Hammer Drill
Drilling Capacity (Wood)	32 Millimeters
Weight	4 Kilograms
Included Components	Quick-change metal depth gauge, Anti-vibration side handle
Color	Black

10. WARRANTY AND SUPPORT

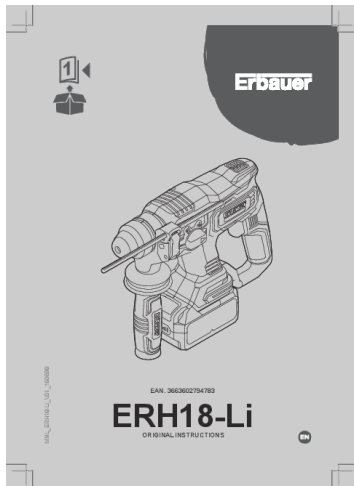
This Erbauer product is covered by the original manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Erbauer

website.

For technical support, spare parts, or service inquiries, please contact your retailer or the authorized Erbauer service center in your region. Always provide the model number (ERH18-Li) and serial number (if applicable) when seeking support.

Note: Information regarding spare parts availability is currently unavailable.

Documents - ERBAUER – ERH18-Li



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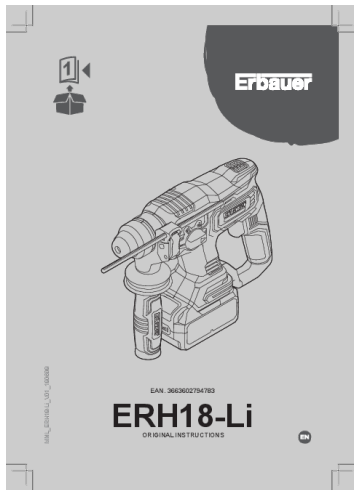


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[Erbauer ERH18-Li 18V Cordless Rotary Hammer: User Manual and Safety Instructions](#)

This document provides comprehensive instructions, safety warnings, and technical specifications for the Erbauer ERH18-Li 18V cordless rotary hammer. Learn about product features, assembly, operation, maintenance, and guarantee information.

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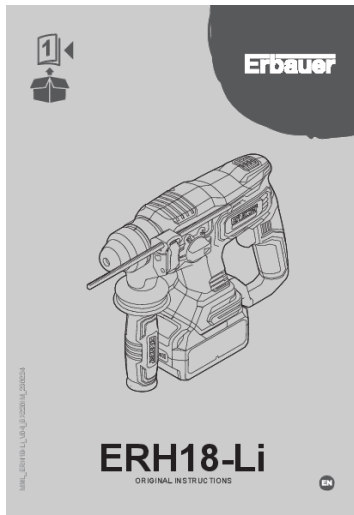
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[Erbauer ERH18-Li 18V Cordless SDS Plus Hammer Drill User Manual](#)

Comprehensive user manual for the Erbauer ERH18-Li 18V Cordless SDS Plus Hammer Drill, covering safety, operation, maintenance, specifications, and warranty information.

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