

Einhell TE-CI 18/1 Li

Einhell TE-CI 18/1 Li 18-Volt 1/4-Inch Power X-Change Cordless Impact Driver Instruction Manual

Brand: Einhell | Model: TE-CI 18/1 Li

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Einhell TE-CI 18/1 Li 18-Volt 1/4-Inch Power X-Change Cordless Impact Driver. Please read this manual thoroughly before using the tool and keep it for future reference.

The Einhell TE-CI 18/1 Li is designed for various fastening and drilling applications in materials such as wood, metal, and concrete. It is part of the Einhell Power X-Change family, allowing for battery compatibility across a wide range of Einhell tools.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of electric shock, fire, and serious injury:

- Read all safety warnings, instructions, illustrations, and specifications provided with this power tool.
- Keep the 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves.
- Ensure the battery pack is fully charged before use.
- Always use the correct bit for the application and ensure it is securely fastened in the chuck.
- Do not force the power tool. Use the correct power tool for your application.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

3. PRODUCT OVERVIEW AND COMPONENTS

The Einhell TE-CI 18/1 Li Impact Driver is designed for efficient and comfortable use. Key components include:

- **1/4-inch Hexagon Tool Chuck:** For quick and secure bit changes.
- **Variable Speed Control:** Allows for precise speed adjustment up to 2,300 RPM.
- **Forward/Reverse Switch:** For driving and removing fasteners.
- **Ergonomic Soft Grip Handle:** Provides comfort and control during extended use.
- **Integrated LED Lights:** Three powerful LEDs illuminate the work area.
- **Power X-Change Battery Interface:** Compatible with Einhell 18-Volt Power X-Change batteries (sold separately).



Figure 1: Einhell TE-CI 18/1 Li Impact Driver (battery and charger sold separately).



Figure 2: Side view of the impact driver, highlighting its compact design.

4. SETUP

4.1. Battery Installation and Charging

The Einhell TE-CI 18/1 Li is a bare tool, meaning the battery and charger are sold separately. Ensure you use an Einhell 18-Volt Power X-Change battery and compatible charger.

1. To install the battery, align the battery pack with the base of the tool and slide it in until it clicks securely into place.
2. To remove the battery, press the release button on the battery pack and slide it out.

3. Refer to your Einhell Power X-Change battery and charger manual for specific charging instructions.

4.2. Installing/Removing Bits

The impact driver features a 1/4-inch hexagon tool chuck for quick bit changes.

1. To install a bit, pull the chuck collar forward and insert the 1/4-inch hex shank bit into the chuck.
2. Release the chuck collar to lock the bit in place. Gently pull on the bit to ensure it is securely seated.
3. To remove a bit, pull the chuck collar forward and pull the bit out.



Figure 3: Close-up of the 1/4-inch hexagon tool chuck for easy bit changes.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off and Variable Speed

The tool is activated by pressing the trigger switch. The speed is variable depending on how far the trigger is pressed.

- To start the tool, press the trigger switch. The further you press, the faster the tool operates.
- To stop the tool, release the trigger switch.
- The integrated LED lights will illuminate when the trigger is pressed, providing visibility to the work area.

5.2. Forward/Reverse Operation

The forward/reverse switch controls the direction of rotation.

- For driving screws or drilling, push the switch to the left (forward position).
- For removing screws or backing out bits, push the switch to the right (reverse position).
- To lock the trigger and prevent accidental starting, place the switch in the center position.

5.3. Applications

The Einhell TE-Cl 18/1 Li is suitable for a variety of tasks:

- **Driving Fasteners:** Ideal for driving screws into wood, metal, and concrete with up to 1,293 inch-pounds (140 Nm) of torque.
- **Drilling:** Can be used for drilling in wood and metal. Adjust speed for optimal results.



Figure 4: Demonstrating the impact driver in use for driving screws.

6. MAINTENANCE

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

- **Cleaning:** Keep the ventilation slots clean and free from dust. Use a soft, damp cloth for cleaning. Do not use solvents.
- **Storage:** Store the tool and battery in a dry, frost-free place. Remove the battery from the tool before storage.
- **Battery Care:** Do not store batteries in a discharged state. Recharge them regularly.
- **Chuck Maintenance:** Periodically clean the chuck to ensure smooth bit changes.

7. TROUBLESHOOTING

If you encounter issues with your Einhell TE-CI 18/1 Li, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed. Forward/reverse switch in center (locked) position.	Charge battery and ensure it is correctly installed. Move forward/reverse switch to forward or reverse.
Reduced power or speed.	Low battery charge. Overloading the tool.	Recharge battery. Reduce load or use a more appropriate tool for the task.
Bit not holding securely.	Chuck not tightened properly. Damaged bit.	Ensure chuck collar is fully released after inserting bit. Replace damaged bits.

If problems persist, contact Einhell customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Einhell
Model Number	TE-CI 18/1 Li
Power Source	Battery Powered (18-Volt Power X-Change)
Maximum Rotational Speed	2300 RPM
Maximum Torque	1293 Inch Pounds (140 Nm)
Chuck Size	1/4-inch Hexagon
Drill Type	Impact Driver
Item Weight	2.88 Pounds
Product Dimensions	14.45"L x 11.42"W x 3.66"H
Special Feature	Variable Speed, LED Lights
Included Components	Bare-Tool (Battery & charger options sold separately)

9. OFFICIAL PRODUCT VIDEOS

Watch these official videos from Einhell for more information on the Power X-Change system and product features.

Einhell USA Video

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Description: An overview video from Einhell USA, showcasing various tools and the Power X-Change system. This video provides a general introduction to the brand's cordless tool philosophy.

Power X-Change Video

Your browser does not support the video tag.

Description: A short video highlighting the versatility and benefits of the Einhell Power X-Change battery system, emphasizing its compatibility across multiple tools.

10. WARRANTY AND SUPPORT

Einhell products are manufactured to high-quality standards and come with a manufacturer's warranty. For specific warranty details, registration, and customer support, please refer to the warranty card included with your product or visit the official Einhell website.

For technical assistance or spare parts, please contact Einhell customer service directly.

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Related Documents - TE-CI 18/1 Li

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