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Einhell TE-CD 18/44 Li-i (4514287)

Einhell TE-CD 18/44 Li-i Cordless Hammer Drill User Manual

Model: TE-CD 18/44 Li-i (4514287)

Brand: Einhell

1. INTRODUCTION

Thank you for choosing the Einhell TE-CD 18/44 Li-i Cordless Hammer Drill. This powerful and versatile tool is designed for a wide range of drilling and screwdriving tasks, including hammer drilling into masonry. As part of the Einhell Power X-Change family, it offers exceptional flexibility with interchangeable batteries and chargers across the entire system. Please read this manual carefully before operating the tool to ensure safe and efficient use. Keep this manual for future reference.



Figure 1: Einhell TE-CD 18/44 Li-i Cordless Hammer Drill with 2.5 Ah Battery and Charger

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Familiarize yourself with the controls and proper use of the tool before operation.

- Wear appropriate personal protective equipment (PPE) such as safety glasses, hearing protection, and gloves.
- 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.
- Ensure the battery pack is fully charged and properly inserted before use.
- Secure the workpiece. Use clamps or a vise to hold the workpiece firmly.
- Avoid unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Maintain tools with care. Keep cutting tools sharp and clean.

- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- 1 x Einhell TE-CD 18/44 Li-i Cordless Hammer Drill
- 1 x Power X-Change 2.5 Ah Battery
- 1 x Rapid Charger

If any components are missing or damaged, please contact your retailer or Einhell customer service.

4. PRODUCT FEATURES

The Einhell TE-CD 18/44 Li-i Cordless Hammer Drill is engineered with several key features for optimal performance and user convenience:

- **Power X-Change System:** This drill is part of the Power X-Change family, allowing batteries and chargers to be freely interchanged with other tools in the series.
- **Powerful 2-Speed Gearbox:** Equipped with a robust two-speed transmission, the tool delivers 44 Nm of torque and 21 torque settings for efficient drilling and screwdriving.
- **13 mm Metal Keyless Chuck:** The sturdy single-sleeve metal keyless chuck allows for quick and easy accessory changes.
- **Electronic Speed Control:** The integrated electronic speed control enables optimal adaptation to various materials and applications, ensuring precise results.
- **Integrated LED Light:** An integrated LED light provides optimal visibility in dark work areas, enhancing precision during drilling and screwdriving.
- **Ergonomic Design:** The ergonomic design and soft-grip surfaces ensure a firm and comfortable hold, even during extended use.
- **Belt Clip:** A practical belt clip allows for quick and secure attachment of the tool to your belt.

 **Cambio a 2 velocità**

44 Nm

21 livelli di coppia

 **3 Funzioni**

  **Cacciavite**

Foratura

Trapano a percussione



 **Mandrino da 13 mm**
Sistema di serraggio rapido in metallo



 **Luce LED**
illuminazione ottimale

Figure 2: Key Features of the Einhell TE-CD 18/44 Li-I



Figure 3: Einhell Power X-Change Family Compatibility



Figure 4: Internal Structure of a Power X-Change Battery

5. SETUP

5.1. Charging the Battery

Before first use, fully charge the 2.5 Ah Power X-Change battery. Connect the charger to a suitable power outlet and insert the battery pack. The charger's indicator lights will show the charging status. A full charge typically takes approximately 50 minutes.

5.2. Inserting/Removing the Battery Pack

- **Inserting:** Slide the charged battery pack into the base of the drill handle until it clicks securely into place.
- **Removing:** Press the release button on the battery pack and slide it out of the drill handle.



Include 1 batteria Power X-Change da 2,5 Ah e caricabatteria

Figure 5: Battery and Charger

5.3. Attaching/Removing Drill Bits or Screwdriver Bits

The drill features a 13 mm metal keyless chuck for easy bit changes.

- **Attaching:** Rotate the chuck collar counter-clockwise until the jaws are open wide enough to insert the bit. Insert the bit fully into the chuck. Rotate the chuck collar clockwise to tighten the jaws firmly around the bit.
- **Removing:** Rotate the chuck collar counter-clockwise to loosen the jaws and remove the bit.



Mandrino autoserrante da 13 mm, a una bussola, in metallo

Figure 6: 13mm Metal Keyless Chuck

6. OPERATING INSTRUCTIONS

6.1. Selecting Operating Mode

The drill offers three operating modes: screwdriving, drilling, and hammer drilling. Rotate the mode selector ring located behind the chuck to choose the desired function:

- **Screwdriving (○):** For driving and removing screws. Use the torque setting ring for appropriate torque.
- **Drilling (△):** For drilling into wood, plastic, and metal.
- **Hammer Drilling (□):** For drilling into masonry and concrete.



Funzione selezionabile: avvitatura, foratura o foratura a percussione

Figure 7: Function Selector Ring

6.2. Setting Torque and Speed

- **Torque Setting Ring:** For screwdriving, adjust the torque setting ring (1-21) to prevent over-tightening or stripping screws. Higher numbers indicate higher torque.
- **Speed Selector Switch:** Use the 2-speed selector switch on top of the drill to choose between low speed (1) for high torque applications (e.g., screwdriving, large diameter drilling) and high speed (2) for faster drilling.
- **Variable Speed Trigger:** The trigger switch provides variable speed control. Pressing the trigger further increases the speed.

6.3. Forward/Reverse Rotation

The forward/reverse switch, 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. Set it to the center position to lock the trigger and prevent accidental starting.

6.4. Using the LED Work Light

The integrated LED light automatically illuminates the work area when the trigger is pressed, providing improved

visibility in dimly lit conditions.



Luce LED per l'illuminazione ottimale della zona di lavoro

Figure 8: LED Work Light in Operation



Figure 9: Drill in Use

7. MAINTENANCE

7.1. Cleaning

- Always remove the battery pack before cleaning.
- Keep the ventilation slots clean to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents.
- Clean the chuck jaws regularly to ensure proper gripping of bits.

7.2. 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.
- Avoid exposing batteries to water or moisture.

Max. numero avvitamenti per ogni ricarica batteria 6x45 mm avvitamenti - legname tenero



2.0 AH
305 pcs.



2.5 AH
380 pcs.



3.0 AH
460 pcs.



4.0 AH
610 pcs.



5.2 AH
770 pcs.



6.0 AH
920 pcs.



8.0 AH
1220 pcs.

Figure 10: Battery Performance Chart (Max. 6x45mm screws in soft wood per charge)

8. TROUBLESHOOTING

If you encounter issues with your Einhell TE-CD 18/44 Li-i, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted	Charge battery; ensure it is securely clicked into place.
Reduced power/performance	Battery low or worn out	Recharge battery; consider replacing old batteries.
Chuck not holding bit securely	Chuck jaws dirty or not tightened properly	Clean chuck jaws; ensure bit is inserted fully and chuck is tightened firmly.
Overheating during use	Blocked ventilation slots; continuous heavy load	Clean ventilation slots; allow tool to cool down during prolonged use.

If the problem persists after attempting these solutions, please contact Einhell customer support.

9. SPECIFICATIONS

Specification	Value
Model Number	4514287
Voltage	18 V
Battery Type	Li-ion
Battery Capacity	2.5 Ah
Max. Torque	44 Nm
Torque Settings	21
Gearbox	2-speed
Chuck Size	13 mm
Chuck Type	Metal Keyless
Special Features	Variable Speed, Ergonomic Design, Integrated LED Light, Belt Clip
Weight	1.59 kg

10. WARRANTY AND SUPPORT

Einhell products are manufactured to high-quality standards and undergo strict quality controls. This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, or visit the official Einhell website for detailed warranty information.

For technical support, spare parts, or service inquiries, please contact Einhell customer service or visit the official Einhell store online:

Einhell Official Store: <https://www.amazon.it/stores/EinhellItalia/page/1AEA0A4B-E15F-4792-8467-DE7EDB8D45C2>