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FERM CDM1132

FERM CDM1132 Cordless Screwdriver User Manual

Model: CDM1132

1. PRODUCT OVERVIEW

The FERM CDM1132 Cordless Screwdriver is designed for light-duty screwing tasks. It features a compact and ergonomic design with a soft grip for comfortable handling. Equipped with a 3.6V, 1.3Ah Li-Ion battery, it provides sufficient power for household projects. The integrated LED work light illuminates your workspace, ensuring optimal visibility even in dimly lit areas. This screwdriver comes with a comprehensive 27-piece accessory set and a robust metal storage case for convenient transport and organization.

Key Features:

- Convenient Design:** Compact and ergonomic with soft grip for comfortable use.
- LED Work Light:** Provides optimal visibility of your workpiece, even in dark corners.
- Micro-USB Charger:** Enables fast charging for quick return to work.
- Magnetic Bit Holder:** Facilitates easy bit changes with its 1/4" hexagonal holder.



Figure 1.1: The FERM CDM1132 Cordless Screwdriver, showcasing its compact design and integrated LED light.

2. SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep your work area clean and well lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A

charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PACKAGE CONTENTS

Upon opening the robust metal storage case, verify that all components are present and undamaged. The FERM CDM1132 Cordless Screwdriver package includes:

- FERM CDM1132 Cordless Screwdriver
- Micro-USB Charger
- 27-piece Accessory Bit Set (various screwdriver bits)
- Metal Storage Case



Figure 3.1: The FERM CDM1132 Cordless Screwdriver and its complete 27-piece accessory set, neatly organized within the metal storage case.

4. SETUP

4.1 Charging the Battery

The FERM CDM1132 is powered by an integrated 3.6V 1.3Ah Li-Ion battery. Before first use, or when the battery indicator shows low charge, fully charge the battery.

1. Locate the Micro-USB charging port on the bottom of the screwdriver handle.
2. Connect the provided Micro-USB cable to the screwdriver's charging port.
3. Connect the other end of the USB cable to the charger, and plug the charger into a suitable power outlet.
4. The battery indicator light (Figure 4.1) will illuminate to show charging status. Refer to the indicator light behavior for full charge status.
5. Once fully charged, disconnect the charger from the power outlet and the screwdriver.



Figure 4.1: Close-up view of the Micro-USB charging port on the screwdriver and the accompanying USB cable.



Figure 4.2: The battery indicator light, located near the base of the handle, shows the charging status and remaining battery life.

4.2 Inserting and Changing Bits

The screwdriver features a magnetic 1/4" hexagonal bit holder for quick and secure bit changes.

1. Select the appropriate screwdriver bit from the accessory set for your task.
2. Firmly push the bit into the hexagonal bit holder at the front of the screwdriver until it clicks into place.
The magnetic holder will secure the bit.
3. To remove a bit, simply pull it straight out from the holder.



Figure 4.3: Detailed view of the magnetic 1/4" hexagonal bit holder, designed for easy and secure bit insertion.

5. OPERATING

5.1 Powering On/Off and Rotation Direction

The screwdriver is operated via a trigger switch and a direction selector.

- **To turn on:** Press the trigger switch located on the handle. The motor will start, and the LED work light will activate.
- **To turn off:** Release the trigger switch.
- **Forward Rotation (Screwing In):** Push the direction selector switch (orange button) to the left (when viewed from the back of the tool).
- **Reverse Rotation (Screwing Out):** Push the direction selector switch to the right.
- **Lock Position:** When the direction selector switch is in the center position, the trigger is locked, preventing accidental activation.



Figure 5.1: The screwdriver in operation, showing the illuminated LED work light for enhanced visibility.

5.2 Using the LED Work Light

The integrated LED work light automatically activates when the trigger switch is pressed, providing illumination for your work area, especially useful in dark or confined spaces.

5.3 General Screwdriving Tips

- Always select the correct bit type and size for the screw head to prevent stripping.
- Apply firm, steady pressure in line with the screw to prevent cam-out.
- For delicate materials, start at a lower speed if possible, or use short bursts of power.
- Avoid over-tightening screws, especially in soft materials, to prevent damage.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FERM CDM1132 Cordless Screwdriver.

6.1 Cleaning

- Always disconnect the charger before cleaning.
- Use a soft, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.

- Keep the ventilation openings free from dust and debris to prevent overheating. Use compressed air if necessary.

6.2 Battery Care and Storage

- Store the screwdriver and battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the Li-Ion battery with a partial charge (around 50%). Avoid storing it fully charged or completely depleted.
- Recharge the battery every 3-6 months during long storage periods to maintain its health.
- Do not dispose of batteries in household waste. Follow local regulations for battery recycling.

7. TROUBLESHOOTING

If you encounter issues with your FERM CDM1132 Cordless Screwdriver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Screwdriver does not turn on.	Battery is depleted. Direction selector is in lock position.	Charge the battery. Move the direction selector to forward or reverse.
Screwdriver lacks power/speed.	Battery is low. Overloading the tool.	Recharge the battery. Do not apply excessive force; use the correct tool for the task.
Battery not charging.	Charger or cable faulty. Improper connection.	Check charger and cable for damage. Ensure secure connection to screwdriver and power outlet.
Bit slips or strips screw head.	Incorrect bit size/type. Insufficient pressure. Worn bit.	Use the correct bit. Apply firm, steady pressure. Replace worn bits.

8. SPECIFICATIONS

Detailed technical specifications for the FERM CDM1132 Cordless Screwdriver:

Specification	Value
Model Number	CDM1132
Manufacturer	FERM
Battery Type	Lithium-ion
Battery Voltage	3.6 Volts
Battery Capacity	1.3 Ah
No-Load Speed	230 RPM
Max Torque	4 Newton-meters

Specification	Value
Bit Holder	1/4" Hexagonal, Magnetic
Power Source	Battery
Product Dimensions	18.5 x 18.5 x 6.1 cm
Item Weight	1.02 Kilograms
Color	Black, Blue
Special Features	Rechargeable, Forward/Reverse Rotation, LED Work Light
Included Components	Screwdriver, 27-piece accessory set, Charger
GTIN	08717479058686

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your product packaging or visit the official FERM website. For technical support, spare parts, or service inquiries, please contact FERM customer service through the contact details provided in your product documentation or on their official website.

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Related Documents - CDM1132

 <p>FERM CDM1164 20V Cordless Drill</p> <p>20V CORDLESS DRILL CDM1164</p> <p>Product description: The FERM CDM1164 20V Cordless Drill is a high-performance power tool designed for various drilling and screwdriving tasks. It features a compact and ergonomic design, making it easy to use in tight spaces. The drill is powered by a 20V Li-ion battery, providing ample power for most applications. It includes a range of accessories and a carrying case for convenience.</p> <p>CE</p>	<p>FERM CDM1164 20V Cordless Drill User Manual and Instructions</p> <p>Comprehensive user manual and safety instructions for the FERM CDM1164 20V Cordless Li-Ion Drill. Learn about operation, maintenance, and safety guidelines provided by FERM.</p>
 <p>FERM CDA1167 20V 2.0AH Li-Ion Battery</p> <p>20V 2.0AH LI-ION BATTERY CDA1167</p> <p>Product description: The FERM CDA1167 20V 2.0AH Lithium-Ion Battery is a high-capacity battery designed to power the FERM CDM1164 20V Cordless Drill. It features a long runtime and fast charging capabilities, making it a reliable power source for your drilling needs.</p> <p>CE</p>	<p>FERM CDA1167 20V 2.0AH Li-Ion Battery User Manual</p> <p>User manual for the FERM CDA1167 20V 2.0AH Lithium-Ion Battery, including safety instructions, product information, operation, maintenance, and warranty.</p>

	<p>FERM PRM1020P Trimmer: User Manual, Safety & Operation Guide</p> <p>Comprehensive user manual for the FERM PRM1020P trimmer. Learn about safe operation, assembly, maintenance, and troubleshooting for this powerful woodworking tool from FERM Industrial.</p>
	<p>Ferm FFZ-400N Scroll Saw User Manual: Operation, Safety, and Assembly</p> <p>User manual for the Ferm FFZ-400N Scroll Saw, detailing technical specifications, safety guidelines, assembly instructions, operation procedures, maintenance, troubleshooting, and spare parts. Includes CE conformity information.</p>
	<p>FERM RSM1022 20V Cordless Reciprocating Saw User Manual</p> <p>This user manual provides detailed safety instructions, operating procedures, and maintenance guidelines for the FERM RSM1022 20V Cordless Reciprocating Saw. Learn about the product's features, technical specifications, and assembly.</p>
	<p>FERM HTM1010 12V Cordless Hedge Trimmer User Manual</p> <p>Comprehensive user manual for the FERM HTM1010 12V Cordless Hedge Trimmer, covering safety instructions, operation, maintenance, and technical specifications.</p>