

Skil SD561201

SKIL Rechargeable 4V Cordless Screwdriver with Circuit Sensor Technology - SD561201 Instruction Manual

Model: SD561201

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1. INTRODUCTION

Thank you for choosing the SKIL Rechargeable 4V Cordless Screwdriver (Model SD561201). This versatile tool is designed for various household maintenance, electrical work, and DIY projects. It features innovative Circuit Sensor Technology for enhanced safety, an integrated rechargeable lithium-ion battery with micro USB charging, and dual LED lights for improved visibility.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **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. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

Specific Safety for SD561201:

- **Circuit Sensor Technology:** This feature detects live wires. Always verify power is off at the circuit breaker before beginning any electrical work, even if the circuit sensor indicates no live current. The circuit sensor is

an aid, not a substitute for proper electrical safety procedures.

- **Charging:** Use only the provided USB charging cable. Do not attempt to charge with damaged cables or chargers.

3. PACKAGE CONTENTS

Your SKIL Rechargeable 4V Cordless Screwdriver package should include the following items:

- 1 x SKIL Rechargeable 4V Cordless Screwdriver (Model SD561201)
- 1 x 9-piece Bit Kit
- 1 x Magnetic Bit Holder
- 1 x Micro USB Charging Cable



Image: The SKIL Rechargeable 4V Cordless Screwdriver shown with its included 9-piece bit kit, magnetic bit holder, and micro USB charging cable.

4. SETUP

4.1. Charging the Screwdriver

The screwdriver comes with an integrated rechargeable lithium-ion battery. Before first use, fully charge the battery.

1. Locate the micro USB charging port at the base of the screwdriver.
2. Connect the provided micro USB charging cable to the port.
3. Plug the other end of the USB cable into a standard USB power adapter (not included) or a powered USB port.
4. A blinking green light on the screwdriver indicates that it is charging. The light will turn solid green when fully charged.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing and charging process of the SKIL Rechargeable 4V Cordless Screwdriver, showing how to connect the micro USB cable and identify the charging indicator light.

4.2. Inserting and Changing Bits

The screwdriver uses standard 1/4-inch hex shank bits.

1. Pull back the collar at the front of the screwdriver.
2. Insert the desired bit into the chuck.
3. Release the collar to secure the bit. Ensure the bit is firmly seated before operation.



Image: A hand demonstrates how to insert a screwdriver bit into the chuck of the SKIL Rechargeable 4V Cordless Screwdriver.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off and Direction Control

The screwdriver is activated by twisting the collar at the front:

- To drive screws (forward), twist the collar in the direction indicated by the forward arrow.
- To remove screws (reverse), twist the collar in the direction indicated by the reverse arrow.
- The screwdriver will activate as long as the collar is twisted. Release the collar to stop operation.



Image: A side view of the SKIL Rechargeable 4V Cordless Screwdriver highlighting the collar with forward and reverse direction arrows for operation.

5.2. Using Circuit Sensor Technology

The patented Circuit Sensor Technology detects live wires from up to one inch away, providing an added layer of safety.

1. Press and hold the detection button (marked with a lightning bolt symbol) on the side of the screwdriver.
2. Hold the tip of the screwdriver near the area you wish to test (e.g., an outlet, switch, or wire).
3. If a live circuit is detected, a red light will illuminate, and an audible alert will sound.
4. Always confirm power is off at the circuit breaker before proceeding with any electrical work.

Your browser does not support the video tag.

Video: This video demonstrates the Circuit Sensor Technology of the SKIL screwdriver, showing how it detects live wires and indicates their presence with a red light and sound.

5.3. Dual LED Light

The screwdriver is equipped with dual LED lights to illuminate your work area.

- The LED lights automatically activate when the screwdriver is in operation (collar twisted).
- This feature is particularly useful in dimly lit areas or confined spaces.



Image: A hand holds the SKIL Rechargeable 4V Cordless Screwdriver, with its dual LED lights illuminating the screw being driven into a surface.

6. MAINTENANCE

6.1. Cleaning

- Keep the tool's ventilation openings clean to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the screwdriver. Do not use harsh chemicals or abrasive cleaners.
- Ensure the tool is dry before storing or recharging.

6.2. Battery Care

- Store the screwdriver in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Avoid completely draining the battery before recharging to prolong its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Screwdriver does not turn on.	Battery is depleted.	Charge the battery using the micro USB cable.
Screwdriver lacks power/torque.	Battery is low or tool is used for heavy-duty tasks.	Fully charge the battery. This tool is designed for light-duty applications.
Circuit Sensor not detecting live wires.	Battery is low; sensor not activated; distance too far.	Ensure battery is charged. Press and hold the detection button. Hold closer to the source (within 1 inch).

Problem	Possible Cause	Solution
Bit falls out of chuck.	Bit not properly seated.	Pull back collar, insert bit fully, release collar to ensure it locks.

8. SPECIFICATIONS

Feature	Detail
Brand	Skil
Model Name	SD561201
Power Source	Battery Powered
Voltage	4 Volts
Speed	230 RPM
Item Weight	0.49 Pounds (7.8 ounces)
Product Dimensions	1.42 x 1.42 x 6.61 inches
Battery Cell Type	Lithium Ion (included)
Special Features	Rechargeable, Cordless, Circuit Sensor Technology, Dual LED Light
Head Style	Collar (Flat/Phillips)
Material	Metal
Color	Red

9. WARRANTY & SUPPORT

9.1. Warranty Information

This SKIL Rechargeable 4V Cordless Screwdriver (Model SD561201) comes with a **5-year warranty**. Registration may be required to activate the full warranty period. Please refer to the warranty card included in your package or visit the official SKIL website for detailed terms and conditions.



Image: The SKIL 5-Year Warranty logo, indicating that registration is required for the warranty.

9.2. Customer Support

For further assistance, technical support, or to inquire about replacement parts, please contact SKIL Customer Service. Contact information can typically be found on the SKIL website or on the product packaging.