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Dremel 7760-N/10A

Dremel Lite 7760-N/10 4V Cordless Rotary Tool Kit User Manual

Model: 7760-N/10A | Brand: Dremel

Introduction

The Dremel Lite 7760-N/10 is a versatile 4V cordless rotary tool designed for light-duty DIY and crafting projects. This tool allows for various applications such as engraving, sanding, polishing, sharpening, and cleaning. Its compact design, variable speed control, and USB charging capability make it a convenient solution for a wide range of tasks.

This manual provides essential information for the safe and effective use of your Dremel Lite rotary tool. Please read it thoroughly before operation and retain it for future reference.



Image: The Dremel Lite rotary tool displayed with a selection of its accessories, highlighting its multi-purpose capabilities.

Package Contents

The Dremel Lite 7760-N/10 kit includes the following items:

- Dremel Lite 4V Li-ion Cordless Rotary Tool (Model 7760)
- 10-piece accessory set
- Accessory case
- USB charging cable
- Power adapter

- User manual
- Quick start guide
- 2-year warranty card



Image: All components included in the Dremel Lite 7760-N/10 kit, neatly arranged.

Setup

1. Charging the Battery

Before first use, fully charge the Dremel Lite rotary tool. The tool is powered by a 4V Li-ion battery and charges via a convenient USB system.

1. Connect the USB charging cable to the tool and the power adapter.
2. Plug the power adapter into a standard electrical outlet.
3. The LED battery life indicator will illuminate to show charging status. A full charge is indicated when the LED light changes or turns off (refer to the quick start guide for specific indicator behavior).



Image: The Dremel Lite rotary tool connected to its USB charging cable and power adapter.

2. Installing Accessories

The Dremel Lite features the patented EZ Twist Nose Cap for quick accessory changes without a wrench.

1. Ensure the tool is turned off and unplugged (if charging).
2. Press and hold the shaft lock button.
3. Unscrew the nose cap.
4. Insert the desired accessory into the collet. The collet size is 1/8 inch.
5. Tighten the nose cap by hand until the accessory is securely held. Do not overtighten.
6. Release the shaft lock button.



Image: The Dremel Lite rotary tool shown alongside a variety of compatible accessories, ready for installation.

Operating Instructions

1. Powering On/Off and Speed Control

The Dremel Lite features variable speed control, allowing you to adjust the rotational speed from 8,000 to 25,000 RPM for optimal control across different applications.

1. To turn on the tool, slide the power switch to the 'ON' position.
2. Adjust the speed using the variable speed slider. Start with a lower speed and increase as needed for the task.
3. To turn off the tool, slide the power switch to the 'OFF' position.



Image: A hand holding the Dremel Lite rotary tool, illustrating its ergonomic design and ease of use.

2. Recommended Applications

The Dremel Lite is suitable for a variety of light-duty tasks:

- **Engraving:** Ideal for personalizing items or adding decorative details to various materials.
- **Sanding:** Perfect for smoothing surfaces, shaping, or removing small imperfections.
- **Polishing:** Use to restore shine to metals, plastics, and other materials.
- **Sharpening:** Can be used for sharpening small tools or blades.
- **Cleaning:** Effective for removing rust, grime, or polishing intricate areas.

Note: This tool is **not recommended** for heavy-duty cutting, drilling, or routing applications. Always use appropriate safety gear, including eye protection, when operating the tool.



Image: Engraving a design onto a slate coaster.



Image: Sanding a PVC pipe with the Dremel Lite.



Image: Polishing a piece of jewelry using the rotary tool.



Image: Sharpening garden shears with a grinding accessory.

Maintenance

1. Cleaning

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

- Always disconnect the tool from the charger before cleaning.

- Use a soft, dry cloth to wipe down the exterior of the tool.
- Remove any dust or debris from the ventilation openings using a soft brush or compressed air.
- Clean accessories after each use to maintain their effectiveness.

2. Battery Care

- Store the tool in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store the tool with a completely discharged battery for extended periods. Charge it periodically if not in use.
- Avoid exposing the battery to water or other liquids.

Troubleshooting

If you encounter issues with your Dremel Lite rotary tool, refer to the following common troubleshooting steps:

- **Tool does not turn on:** Ensure the battery is charged. Check that the power switch is fully in the 'ON' position.
- **Reduced power or inconsistent speed:** The battery may be low. Recharge the tool. Ensure the accessory is properly installed and not binding.
- **Excessive vibration or noise:** Check that the accessory is correctly installed and tightened. Ensure the accessory is not damaged or bent.
- **Tool overheats:** Allow the tool to cool down. Avoid applying excessive pressure during operation. Ensure ventilation openings are clear.

For more detailed troubleshooting or persistent issues, please consult the full user manual or contact Dremel customer support.

Specifications

Feature	Specification
Brand	Dremel
Model Number	7760-N/10A
Voltage	4 volts
Power Source	Battery Powered
Battery Type	Lithium Ion (2 included)
Battery Amp Hours	2Ah
Minimum Rotational Speed	8,000 rpm
Maximum Rotational Speed	25,000 rpm
Item Weight	9.6 ounces
Collet Size	1/8 inch
Special Features	Cordless, Ergonomic Grip, Variable Speed

DREMEL® | PRODUCT COMPARISON

MODEL NUMBER	AMPS	VERSATILITY	NUMBER OF SPEEDS	TOOL WEIGHT	POWER SOURCE
7760 LITE™	4 VOLT / 2 AH	BASIC	VARIABLE	9.6 OZ	CORDLESS
7350	4 VOLT / 2 AH	BASIC	SINGLE	8.8 OZ	CORDLESS
2050 STYLO+	0.5 AMPS	BASIC	VARIABLE	6.8 OZ	CORDED

Image: The Dremel Lite rotary tool in use, demonstrating its cordless freedom for various projects.

Warranty Information

The Dremel Lite 7760-N/10 rotary tool comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims or detailed information regarding coverage, please refer to the warranty card included in your kit or visit the official Dremel website.



Image: The Dremel Lite rotary tool and its accessories, representing the complete kit covered by warranty.

Support

For further assistance, technical support, or to purchase additional accessories, please contact Dremel customer service or visit their official website.

- **Online Resources:** Visit the Dremel Store on Amazon for product information and accessories.
- **Contact Information:** Refer to the contact details provided in your quick start guide or on the Dremel official website.

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