

## Droyek 44557

# Droyek Portable Electric Nail Drill Model 44557 User Manual

Comprehensive instructions for safe and effective use.

## 1. INTRODUCTION

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Thank you for choosing the Droyek Portable Electric Nail Drill Model 44557. This professional-grade nail drill is designed for efficient and precise nail care, suitable for both home and salon use. It features a high-speed motor, long-lasting battery, and a comprehensive set of accessories to meet various nail art requirements, including prepping, filing, polishing, and removing acrylics and gels.

## 2. SAFETY INFORMATION

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**WARNING: To reduce the risk of burns, electrocution, fire, or injury to persons:**

- Use this product only for its intended use as described in this manual.
- Always use in a well-ventilated area.
- Wear protective eyewear during operation to prevent eye injury from dust or debris.
- Be cautious to avoid burns from the rotating bit or motor, as they can become warm during extended use.
- Do not operate if the cord or plug is damaged, if it is not working properly, or if it has been dropped or damaged.
- Keep out of reach of children.
- Do not immerse the device in water or other liquids.
- Unplug the device when not in use and before cleaning.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x Droyek Electric Nail Drill Machine
- 1 x Nail Drill Pen (Handpiece)
- 1 x Pen Holder
- 1 x Connecting Line (for handpiece)
- 1 x USB Data Line (Charging Cable)
- 13 x Professional Drill Bits (6 alloy, 7 ceramic)
- 50 x Sanding Bands

## 4. PRODUCT FEATURES

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- **High Speed & Performance:** Up to 30,000 RPM for efficient nail work.
- **Low Noise & Vibration:** Equipped with high-quality bearings for smooth and quiet operation.
- **Rechargeable Battery:** Built-in 2200 mAh battery provides up to 10 hours of cordless work time after 2-3 hours of charging.
- **Multi-functional:** Suitable for nail prep, acrylics, poly gel, gel polish removal, grinding, carving, cutting, and polishing.
- **User-Friendly Design:** Features a power display switch, LED display screen, and a 360° multifunctional turntable for speed adjustment.
- **Portable:** Compact design with a hanging clip for easy transport and use.



Image: The Droyek Portable Electric Nail Drill, showing the main unit, handpiece, and included accessories like drill bits and sanding bands.

# User-Friendly Design

- 01 Power display switch
- 02 Easy disassembly of handle card holder
- 03 Forward/reverse switch
- 04 LED display screen
- 05 360° multifunctional turntable  
(on/off/adjust large/small) 360°



Image: Detailed view of the nail drill's control panel, highlighting the power display switch, LED screen, and speed adjustment dial.

## 5. SETUP

Follow these steps to set up your Droyek Electric Nail Drill:

1. **Connect the Handpiece:** Insert the connecting line from the handpiece into the designated jack on the main drill machine. Ensure a secure connection.
2. **Insert the Drill Bit:** Gently twist the handpiece collar to unlock it. Insert your desired drill bit into the opening, then twist the collar back to lock the bit securely in place.
3. **Turn On:** Rotate the ON/OFF button (multifunctional turntable) on the main unit to power on the device. The LED display will illuminate.
4. **Select Rotation Direction:** Use the Forward/Reverse (FWD/REV) switch to choose the desired rotation direction for the drill bit.
5. **Adjust Speed:** Use the multifunctional turntable to adjust the rotation speed (RPM) according to your needs.
6. **Remove the Drill Bit:** After use, turn off the device. Twist the handpiece collar to unlock, then carefully

pull out the drill bit.



Image: Visual guide demonstrating the steps for connecting the handpiece, inserting a drill bit, turning on the device, selecting rotation direction, and removing the bit.

## 6. OPERATING INSTRUCTIONS

The Droyek Electric Nail Drill offers variable speed control to accommodate different nail care tasks. Always start at a lower speed and gradually increase as needed.

### Recommended RPM Ranges:

- **0-10,000 RPM:** Ideal for nail prep, filing natural nails, and removing cuticles or dead skin.
- **10,000-12,000 RPM:** Suitable for gel polish and top coat removal, and nail rhinestone removal.
- **15,000-20,000 RPM:** Recommended for nail tips removal and general gel polish/dipping powder removal.
- **20,000-25,000 RPM:** Effective for extension and semi-cure nail removal.
- **25,000-30,000 RPM:** High speed for acrylic nail removal and shortening nails.

# 30000RPM

Rechargeable Nail Drill



Image: An illustration detailing the adjustable speed settings (0-35000 RPM) and their corresponding uses for various nail procedures.

## Charging the Device:

Connect the USB data line to the charging port on the main unit and a suitable USB power adapter. The battery indicator on the LED display will show charging status. A full charge takes approximately 2-3 hours and provides up to 10 hours of operation.

# 2200mAh Rechargeable Battery

**2 HOURS**

Charging time

**10 Hours**

Battery life



Image: A visual representation of the internal 2200mAh battery, indicating a 2-hour charging time for 10 hours of battery life.

## 7. MAINTENANCE

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- **Cleaning:** After each use, gently wipe the handpiece and main unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Bit Care:** Clean drill bits after each use to remove nail dust and debris. Store them in a clean, dry container.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and moisture.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.

## 8. TROUBLESHOOTING

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- **Device Not Turning On:** Ensure the device is charged. Connect the USB data line and allow it to charge for at least 30 minutes before attempting to power on again.
- **Drill Bit Not Rotating:** Check if the drill bit is properly inserted and locked into the handpiece. Ensure

the connecting line between the handpiece and main unit is secure.

- **Reduced Performance/Weak Rotation:** This may indicate a low battery. Recharge the device. If the issue persists, ensure the drill bit is clean and free of debris.
- **Excessive Heat or Noise:** Discontinue use immediately. Ensure the drill bit is correctly inserted and not bent. Allow the device to cool down. If the problem persists, contact customer support.

## 9. SPECIFICATIONS

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<b>Brand</b>	Droyek
<b>Model Name</b>	44557
<b>Maximum Speed</b>	30,000 RPM
<b>Battery Capacity</b>	2200 mAh
<b>Charging Time</b>	2-3 Hours
<b>Battery Life</b>	Up to 10 Hours
<b>Power Source</b>	Battery Powered
<b>Item Weight</b>	0.5 Kilograms (1.1 Pounds)
<b>Package Dimensions</b>	11.5 x 6.65 x 2.4 inches

## 10. WARRANTY AND SUPPORT

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Droyek products are manufactured with quality and performance in mind. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official Droyek website. Please retain your proof of purchase for warranty purposes.