

Makartt E0973

Makartt Nouvella Professional Nail Drill E-File (Model E0973) User Manual

Your guide to efficient and precise nail care.

1. INTRODUCTION

The Makartt Nouvella Professional Nail Drill E-File, Model E0973, is designed for both professional nail technicians and home users. This versatile tool offers a powerful 60W coreless motor with speeds up to 35,000 RPM, ensuring smooth and stable filing for various nail services. Its 2-in-1 desktop and portable design, coupled with a long-lasting 14-hour battery, provides flexibility and convenience. The device features stepless speed control, forward/reverse rotation, and a clear LCD display for real-time RPM and battery level monitoring. It is certified to meet FCC, CE, and RoHS standards.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the nail drill to prevent injury or damage to the device.

- Keep the device away from children.
- Avoid grinding one area of your nail for an extended period to prevent heat buildup and potential damage to the natural nail.
- Do not allow the rotating drill bit to touch your skin when the machine is operating at high speed.
- Always use the original adapter for optimal performance and to prevent damage.
- Ensure the handpiece is twisted into the locked position before operation to prevent bits from flying out.

3. PRODUCT OVERVIEW AND COMPONENTS

The Makartt Nouvella Nail Drill comes with a complete starter kit, providing everything needed for professional nail preparation and maintenance.



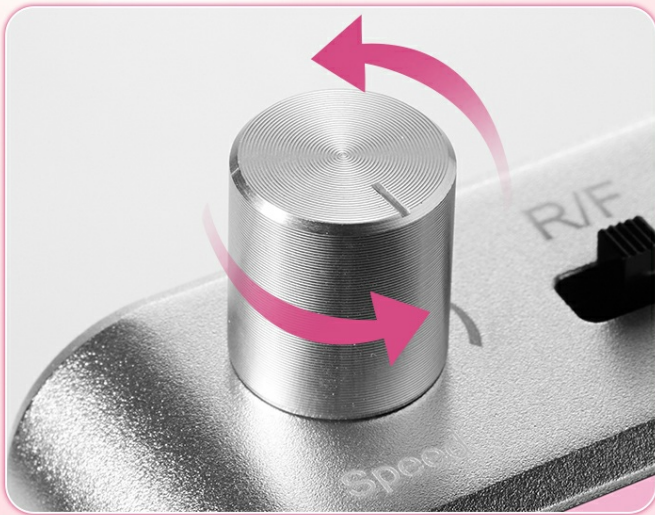
Image: Overview of the Makartt Nouvella Nail Drill kit, including the main unit, handpiece, charging base, power adapter, and various drill bits and sanding bands.

Package Contents:

- 1 x Nail Drill Controller
- 1 x Handpiece
- 1 x Handpiece Cable
- 1 x Transparent Handpiece Holder
- 1 x Charging Base with Built-in Bit Holder
- 1 x Original Power Adapter
- 6 x Drill Bits
- 6 x Sanding Bands

Key Features:

- **60W Coreless Motor:** Delivers up to 35,000 RPM for smooth and stable filing.
- **Stepless Speed Control:** Allows precise adjustment of rotation speed.
- **Forward/Reverse Rotation:** Enables comfortable use for both left and right-handed individuals.
- **LCD Display:** Shows real-time RPM and battery level.
- **Long Battery Life:** Built-in 2500mAh battery provides up to 14 hours of cordless use.
- **Quiet and Low Vibration:** Engineered for comfortable and controlled operation.
- **2-in-1 Design:** Functions as both a desktop unit and a portable device with a detachable belt clip.



ON/OFF & SPEED CONTROL KNOB



Turn the device on or off



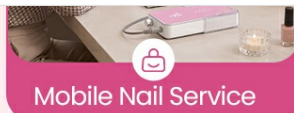
Adjust speed smoothly from low to high RPM

Image: Close-up view of the nail drill's control panel, highlighting the stepless speed control knob, forward/reverse/pause switch, LCD screen, and built-in bit holder.

4. SETUP

Follow these steps to set up your Makartt Nouvella Nail Drill for first use:

1. **Charge the Device:** Connect the power adapter to the nail drill controller or the charging base. Plug the adapter into a power outlet. The LCD screen will indicate charging status.
2. **Install the Nail Drill Bit:** Select the desired nail drill bit. Insert the bit fully into the opening of the handpiece.
3. **Lock the Bit:** Twist the security system on the handpiece to firmly lock the nail bit in place. Ensure the bit is secure before operation.
4. **Connect Handpiece:** Plug the handpiece cable into the designated port on the nail drill controller.



CREATE A CLEANER, QUIETER & MORE COMFORTABLE NAIL EXPERIENCE



Low vibration and quiet operation help reduce stress and hand fatigue during long nail sessions.



Work longer with less noise, less heat, and more control.



Image: Visual guide demonstrating how to insert a new drill bit, adjust the speed using the knob, and change the rotation direction or pause the device.

5. OPERATION

Once set up, your nail drill is ready for use. Always start at a lower speed and gradually increase as needed.

1. **Power On:** Turn the control knob to power on the machine. The LCD screen will light up, displaying the current RPM and battery level.

2. **Adjust Speed:** Rotate the control knob clockwise to increase the speed (RPM) and counter-clockwise to decrease it. The stepless speed control allows for precise adjustments from 0 to 35,000 RPM.
3. **Select Rotation Direction:** Use the F/R (Forward/Reverse) switch to select the desired rotation direction. The middle position activates pause mode. This feature allows for comfortable use by both left-handed and right-handed users.
4. **Begin Nail Work:** Gently apply the rotating drill bit to the nail surface. Use light pressure and keep the bit moving to avoid friction heat.
5. **Power Off:** Turn the control knob counter-clockwise until the device powers off.

Understanding Drill Bits:

The included drill bits are designed for various tasks:

- **White & Pink Quartz T-Shape Bit:** For shaping the nail apex after applying nail tips and pushing up the cuticle.
- **Pink Quartz Cylinder Bit:** Ideal for filing uneven natural and acrylic nails.
- **Quartz Ball Bit:** Used for fine polishing and smoothing nail surfaces, preventing hangnails, and smoothing skin.
- **Diamond Ball Bit (Medium Grit):** Gently removes cuticles along the sidewalls of the nail.
- **Mandrel Bit & Sanding Bands:** For removing all types of gel and acrylic nails.

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Video: Demonstrates the Makartt 60W Brushless Nail Drill in pink, showcasing its stepless speed control, forward/reverse functions, and charging options.

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Video: Shows the Makartt Pink Nail Drill in action, highlighting its effectiveness for various nail applications.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your nail drill.

- **Cleaning the Handpiece:** After each use, gently wipe the handpiece with a soft, dry cloth to remove any nail dust or debris. Do not use harsh chemicals or immerse the handpiece in liquid.
- **Cleaning Drill Bits:** Clean drill bits after each use. You can use a small brush and a bit cleaner solution, or sterilize them according to standard nail hygiene practices.
- **Storage:** Store the nail drill and its components in a clean, dry place, away from direct sunlight and extreme temperatures. Use the charging base's built-in bit holder to keep bits organized and protected.
- **Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Charge it regularly, especially if it will not be used for an extended period.

7. TROUBLESHOOTING AND FAQ

Here are answers to some common questions and solutions to potential issues:

WHY UPGRADE TO A MAKARTT CORELESS NAIL DRILL?

Designed for smoother, quieter, and more efficient professional nail work.



Makartt Coreless Nail Drill

- ✓ Stable 35,000RPM
- ✓ Low Noise & Low Vibration
- ✓ Low Heat Build-Up
- ✓ 10-14H Runtime
- ✓ Cordless 2-in-1 Design
- ✓ Salon & Mobile Nail Techs



Traditional Brushed Drill

- ✗ Unstable High RPM
- ✗ Loud & Shaky
- ✗ Easily Overheats
- ✗ Short Runtime
- ✗ Bulky Corded Design
- ✗ Basic Home Use

Image: A visual FAQ section addressing common inquiries about the Makartt Coreless Nail Drill.

- **Is this nail drill suitable for beginners?** Yes. The stepless speed control and simple knob operation make it beginner-friendly while still powerful enough for professional nail tech work.
- **Can it remove acrylic and hard gel efficiently?** Yes. The 60W coreless motor with 35,000 RPM provides stable torque for acrylic removal, builder gel removal, extension shaping, and nail prep.
- **How long does the battery last?** The rechargeable battery supports about 10-14 hours of cordless use depending on speed and workload.
- **Does the handpiece get hot during long use?** The coreless handpiece is engineered for lower heat buildup and smoother operation compared to traditional brushed nail drills.
- **Is it loud during operation?** No. The low-noise and low-vibration design creates a quieter and more comfortable nail experience.
- **Is it compatible with standard nail drill bits?** Yes. It is compatible with standard 3/32" nail drill bits for easy replacement and upgrades.

8. SPECIFICATIONS

- **Model Number:** E0973
- **Product Dimensions:** 8.07 x 5.7 x 4.13 inches
- **Item Weight:** 1.87 pounds
- **Maximum Rotational Speed:** 35,000 RPM
- **Motor Power:** 60W
- **Battery Capacity:** 2500mAh Lithium Ion
- **Cordless Use Time:** Up to 14 hours
- **Input Power:** 18.5 watts
- **Voltage:** 7.4 volts
- **Materials:** Acrylonitrile Butadiene Styrene (ABS), Aluminum, Metal
- **Certifications:** FCC, CE, RoHS

9. WARRANTY AND SUPPORT

Makartt products are manufactured with quality and performance in mind. For any questions, technical support, or warranty claims, please contact Makartt customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question