



[Manuals.plus](#) /

› [Denabuty](#) /

› Denabuty Cordless Electric Nail Drill User Manual (Model DN-2502Y)

Denabuty DN-2502Y

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Comprehensive instructions for safe and effective use.

1. INTRODUCTION

Thank you for choosing the Denabuty Cordless Electric Nail Drill. This professional-grade, portable, and rechargeable e-file is designed for various nail care needs, including acrylic nails, gel nails, dip powder nails, natural nails, cuticle dead skin, calluses, and thick nails. Please read this manual thoroughly before first use to ensure proper operation and maintenance.

2. IMPORTANT SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the device:

- Always wear eye protection when using the nail drill to prevent eye injury from flying debris.
- Be cautious of the rotating bit, as it can generate heat and cause burns.
- Keep the nail drill away from water and other liquids to prevent electrical hazards.
- Always unplug and allow the nail drill to cool before storing it.
- Do not drop, knock, or disassemble the device.
- Do not use if the device is wet or in moist conditions.
- Do not expose to fire or extreme temperatures.
- Do not attempt to repair the appliance; contact authorized service personnel if damaged.
- Dispose of the device per local law and regulations.
- Use this device only for its intended purpose of nail care.
- Do not use the device while it is charging.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x Denabuty Cordless Electric Nail Drill
- 12 x Metal Nail Drill Bits
- 36 x Sanding Bands
- 1 x Cleansing Brush
- 1 x Storage Bag
- 1 x Type-C Charging Cable
- 1 x User Manual



Image: The Denabuty Cordless Electric Nail Drill, along with its 12 metal drill bits, 36 sanding bands, cleansing brush, storage bag, and Type-C charging cable.

4. PRODUCT FEATURES

- **Cordless & Rechargeable Design:** Powered by a 600mAh Lithium-ion battery, offering up to 5.5 hours of continuous use. Charges via Type-C cable.

- **LED Digital Display:** Clearly shows working status, speed level (1-5), and rotation direction (F/R).
- **5 Adjustable Speeds:** Ranging from 5,000 to 25,000 RPM for precise control.
- **Reversible Direction:** Easily switch between forward (F) and reverse (R) rotation for right-handed or left-handed use.
- **Low Vibration, Low Noise, Low Heat:** Aluminum alloy body with a high-quality motor ensures quiet operation (≤ 40 db) and efficient heat dissipation.
- **Portable Pen Design:** Compact (158 x 21mm) and lightweight (0.2lb) with a pen clip for easy handling and portability.



Image: A detailed view of the nail drill's LED digital display, highlighting the power button, speed adjustment button, and the display showing "25K" RPM.

5. SETUP

5.1 Charging the Device

Before first use, fully charge the nail drill. Connect the Type-C charging cable to the charging port at the base of the device and to a suitable USB power adapter (not included). The indicator light will flash red while charging and turn green when fully charged. The device can be used while charging if necessary.

5.2 Attaching/Replacing Drill Bits

1. Select the appropriate drill bit for your desired task.
2. Gently insert the metal shaft of the drill bit into the opening at the front of the nail drill until it is securely in place. There is no locking mechanism; the bit is held by friction.
3. To remove a drill bit, simply pull it out firmly.



Image: A user demonstrating the easy insertion and removal of a drill bit into the Denabuty nail drill, illustrating the dual rotation capability.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- To turn on: Press and hold the power button (marked with a circle and vertical line) for approximately 2 seconds.

The LED display will illuminate.

- To turn off: Press and hold the power button for approximately 2 seconds.

6.2 Adjusting Speed

- While the device is on, press the speed adjustment button (marked with three horizontal lines) to cycle through the 5 available speeds (5,000-25,000 RPM). The current speed will be shown on the LED display.

6.3 Changing Rotation Direction

- Double-click the power button to switch between forward (F) and reverse (R) rotation. This allows for comfortable use by both right-handed and left-handed individuals. The LED display will indicate the current direction.

6.4 Pause Function

- During operation, a single short press of the power button will pause the device. Press again to resume.

6.5 Recommended Usage

The device is designed for intermittent use. Continuous operation for more than 5 minutes is not recommended. Allow the device to cool down before resuming extended use.

Your browser does not support the video tag.

Video: Official Denabuty demonstration of the Cordless Nail Drill DN2502, showcasing its features like easy bit replacement, power on/off, speed adjustment, and forward/reverse rotation. The video illustrates how to use the drill for gel nail removal and various other nail care tasks.

7. DRILL BIT GUIDE

The Denabuty Electric Nail File includes 12 types of metal drill bits and 36 sanding bands, each designed for specific nail care applications. Refer to the table below for guidance:

Bit Type	Function
Ceramic Drill Bit	Removes nail polish and acrylic nails.
Needle Bit	Polishes nail edges and for nail carving.
Bullet Bit	Nail surface carving and edge grinding.
Tapered Bit	Polishes the nail head to be smooth and flat.
Small Cylinder Bit	Grinding surface to remove callus.
Big Cylinder Bit	Grinding surface to make it smoother.
Sandpaper Bit	Used with sanding bands to polish hard and rough nails.
Coarse Disc Bit	Grinds nails and exfoliates after cutting.
Cone Bit	Removes cuticles.
Barrel Bit	Smooths and polishes surfaces.
Umbrella Top Bit	Reaches tight areas such as sidewalls and cuticles.
Felted Wool Bit	Polishes and cleans nail surface debris.

Portable to Carry Around

* Unique Pen-Clip Design



* Come with Bag to Store ALL Tools



Image: A visual guide illustrating the 12 different types of high-quality attachments and 36 sanding bands included with the Denabauty nail drill, detailing the function of each bit.

8. MAINTENANCE

8.1 Cleaning

- Turn off the device and unplug it before cleaning.
- Clean the surface of the device with a clean, soft cloth. Do not use lubricants, detergents, cleaning agents, or air fresheners.
- The attachments can be cleaned separately. Do not immerse the device in water.
- Use the provided cleansing brush to remove dust and debris from the drill bits and the device after each use.

8.2 Storage

- Store the nail drill and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and out of reach of children.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or not charged.	Charge the device fully using the provided Type-C cable. Ensure the power button is held for 2 seconds to turn on.
Drill bit is loose or falls out.	Bit not inserted correctly or worn bit.	Ensure the drill bit is fully inserted. Replace with a new bit if worn.
Device stops during use.	Overheating or low battery.	Allow the device to cool down. Charge the device if the battery is low. Avoid continuous operation for more than 5 minutes.
Excessive vibration or noise.	Improperly inserted bit or damaged bit.	Re-insert the drill bit correctly. Replace the drill bit if it appears damaged.

10. SPECIFICATIONS

- **Brand:** Denabuty
- **Model Name:** DN-2502Y
- **Product Dimensions:** 0.83"L x 0.83"W x 6.22"H (158 x 21mm)
- **Item Weight:** 0.2 lb (0.1 Kilograms)
- **Material:** Aluminum Alloy (body)
- **Battery:** 1 Lithium Polymer battery (included), 600mAh
- **Speeds:** 5 adjustable speeds (5,000-25,000 RPM)
- **Noise Level:** ≤40db
- **Charging Port:** Type-C

11. WARRANTY AND SUPPORT

Denabuty offers a 1-year warranty for this nail drill. For warranty claims, technical support, or any inquiries, please contact Denabuty customer service through the retailer where the product was purchased.