



› COSLUS E50 Professional Electric Nail Drill User Manual

COSLUS E50 Professional Electric Nail Drill User Manual

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The COSLUS E50 Professional Electric Nail Drill is engineered for consistent output, precise control, and repeatable results in nail care. Designed for nail students, advanced home users, and salon professionals, it prioritizes reliability and accuracy. Its direct-powered system maintains stable torque and speed throughout use, ensuring consistent performance. The precision-engineered motor delivers stable, controlled filing with reduced vibration and heat, contributing to nail surface protection. With quiet operation at ≤ 40 dB, it supports comfortable sessions in various settings.



Figure 1: COSLUS E50 Professional Electric Nail Drill main unit.

2. KEY FEATURES

- **Professional Desktop Nail Drill:** Engineered for structured nail work, offering consistent output, precise control, and repeatable results.
- **All-Day Steady Power Output:** Direct-powered system maintains stable torque and speed throughout the entire session, unlike rechargeable drills that may lose strength.
- **Visual Stepless Speed Control:** Up to 35 stepless speed levels clearly displayed on an LED screen for accurate, gradual adjustment.
- **Safety-Engineered for Long-Term Use:** Precision motor reduces vibration and heat, protecting the nail surface. Quiet operation at ≤ 40 dB and reinforced internal structure with built-in protection mechanisms ensure reliable performance.
- **Organized Control Base:** Visual control base keeps speed and direction accessible, with integrated bit storage for convenience.

COSLUS

Professional Nail Care Starts Here

Salon-level precision. Smarter control. Sleek design made for every nail lover.



3. PACKAGE CONTENTS

Upon unboxing your COSLUS E50 Professional Electric Nail Drill, please ensure all the following items are present:

- COSLUS E50 Control Unit (Desktop Base)
- Electric Nail Drill Handpiece
- Power Adapter
- 7-Piece Nail Drill Bit Set
- Sanding Bands (additional quantity)
- User Manual

7pcs Nail Drill Bits – Professional Manicure Pedicure Kit



Figure 3: The 7-piece nail drill bit set included with the COSLUS E50.

4. SETUP

Follow these steps to set up your COSLUS E50 Electric Nail Drill:

1. **Connect the Handpiece:** Insert the cable from the electric nail drill handpiece into the designated port on the COSLUS E50 control unit.

2. **Connect Power:** Plug the power adapter into the control unit and then into a suitable electrical outlet (110 Volts).
3. **Insert a Drill Bit:**
 - Twist the handpiece collar counter-clockwise to unlock the chuck.
 - Insert your desired drill bit firmly into the opening.
 - Twist the handpiece collar clockwise to lock the bit securely in place. Ensure the bit is fully seated and locked before operation.
4. **Organize Bits:** Utilize the integrated bit storage holes on the control unit to keep your unused drill bits organized and easily accessible.

How to Use

Step 1

Unlock & Remove
Twist to unlock, then
pull out the bit.



Step 2

Insert & Lock
Insert the new bit
and twist to lock.
Ready to use.



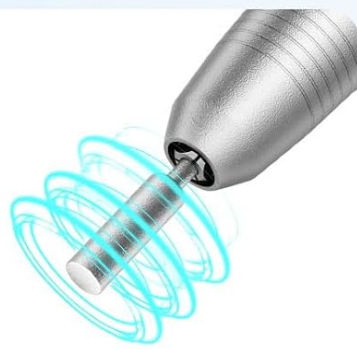
Step 3

Press the power button
and turn the knob to
adjust speed.



Step 4

Begin grinding with
the rotating bit.



Step 5

Switch forward or
reverse rotation as
needed.



Figure 4: Visual guide for inserting and locking a drill bit into the handpiece.

Your browser does not support the video tag. Please update your browser.

Video 1: Demonstrates the unboxing, setup, and initial use of the COSLUS E50 nail drill, including connecting components and inserting bits.

5. OPERATING INSTRUCTIONS

Once the device is set up, you can begin operation:

1. **Power On/Off:** Turn the main knob on the control unit clockwise to power on the device. The LED display will illuminate. Turn it counter-clockwise until the display shows '00' to power off.
2. **Adjust Speed:** Rotate the main knob clockwise to increase the rotational speed of the drill bit. The speed level (0-35 KPRM, thousands of rotations per minute) will be displayed on the LED screen. Rotate counter-clockwise to decrease the speed.
3. **Change Rotation Direction (F/R):** Press the 'F/R' button to switch between Forward (F) and Reverse (R) rotation. The current direction will be indicated on the LED display.
4. **Pause Function:** Press the Play/Pause button to temporarily pause the drill's operation without changing the set speed. Press it again to resume.
5. **Begin Grinding:** With the desired speed and direction set, gently apply the rotating bit to the nail surface.

Multi-Function Desktop Nail Drill



0-35
Speed Levels



LED
Display



Easy
Control



Long-Lasting
Operation



Figure 5: The COSLUS E50 control unit with its LED display and speed/direction controls.

Your browser does not support the video tag. Please update your browser.

Video 2: Demonstrates the compact size, bit changing, and speed adjustment features of the electric nail drill.

6. USAGE GUIDELINES

The COSLUS E50 offers versatile speed settings for various nail care tasks:

- **Gear 0–15 KPRM:** Ideal for delicate tasks such as cuticle care, dead skin removal, shaping, and polishing natural nails.
- **Gear 15–25 KPRM:** Suitable for working with gel nails and for the removal of dip powder.
- **Gear 25–35 KPRM:** Recommended for more intensive tasks like acrylic artistry and intricate salon designs, requiring higher power and precision.

One Drill for All Nails From Natural to Salon Art



Gear 0-15

Removing dead skin and cuticle, grinding, shaping, polishing natural nails



Gear 15-25

Gel nails,
Dip powder nails



Gear 25-35

Acrylic Artistry &
Intricate Salon Designs.

Figure 6: Recommended speed ranges for natural, gel, and acrylic nails.

Still Struggling with Gel Overflow?

COSLUS Nail Drill: Precision Grinding, Easy Fix



Figure 7: The COSLUS E50 provides precision grinding for tasks like correcting gel overflow.

7. MAINTENANCE

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

- **Cleaning:** After each use, gently dust off any nail debris from the handpiece and control unit. A soft brush or cloth can be used. Ensure the device is powered off and unplugged before cleaning.
- **Bit Care:** Clean drill bits regularly to prevent buildup. Store them in the designated holes on the control unit or in a protective case to prevent damage.
- **Storage:** Store the nail drill in a dry, cool place, away from direct sunlight and moisture.
- **Handling:** Avoid dropping the handpiece or control unit, as this can damage internal components.

8. TROUBLESHOOTING

If you encounter any issues with your COSLUS E50, please refer to the following common solutions:

• **Device Not Turning On:**

- Ensure the power adapter is securely plugged into both the control unit and a working electrical outlet.
- Verify the power outlet is functional.

• **Drill Bit Not Rotating:**

- Check if the handpiece is properly connected to the control unit.
- Ensure the drill bit is correctly inserted and locked into the handpiece.
- Confirm the device is powered on and the speed is set above '00'.

• **Excessive Vibration or Noise:**

- Ensure the drill bit is fully and correctly inserted and locked. An improperly seated bit can cause vibration.
- Check if the drill bit is bent or damaged. Replace if necessary.
- Reduce the speed setting if the vibration occurs at higher RPMs.

If the issue persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	E50
Brand Name	COSLUS
Maximum Rotational Speed	35000 RPM
Power Source	Corded Electric
Voltage	110 Volts
Material Type	Aluminum, Metal, Plastic
Package Dimensions	7.52 x 6.89 x 2.68 inches
Item Weight	1.19 Pounds
Manufacturer	COSLUS

10. WARRANTY & SUPPORT

The COSLUS E50 Professional Electric Nail Drill comes with a **1-year manufacturer warranty**. For any product-related inquiries, technical assistance, or warranty claims, please contact COSLUS customer service. We offer **24-hour after-sales service** and a **free 30-day refund/replacement** policy.

For further assistance, please visit the official COSLUS website or refer to the contact information provided in your product packaging.

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