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Madenia JF-607

Madenia JF-607 Rechargeable Professional Nail Drill Machine User Manual

Model: JF-607

1. Introduction

Thank you for choosing the Madenia JF-607 Rechargeable Professional Nail Drill Machine. This portable electric nail file is designed for efficient and precise nail care, suitable for acrylic and gel nails in salon, home, or travel environments. Please read this manual thoroughly before use to ensure safe and optimal operation.

Figure 1.1: Madenia JF-607 Nail Drill Machine and accessories.

2. Safety Information

WARNING: To prevent injury, always observe the following safety precautions:

- Avoid eye injury from flying debris. Always wear protective eyewear during operation.
- Risk of burns from the rotating bit or motor. Handle the handpiece with care and avoid prolonged contact with skin.
- Do not use the device near water or in damp environments.
- Keep the device away from children and pets.
- Ensure the power cord is not damaged or tangled.
- Do not attempt to disassemble or repair the unit yourself. Contact customer service for assistance.
- Always turn off and unplug the device before cleaning or changing bits.

3. Package Contents

The Madenia JF-607 package includes the following items:

- Madenia JF-607 Control Unit
- Nail Drill Handpiece
- Power Adapter (USB Type-C cable included, adapter not included)
- 6 Metal Nail Drill Bits
- 7 High-Performance Ceramic Drill Bits
- 50 Sanding Bands
- User Manual

Figure 3.1: Included drill bits and sanding bands.

4. Product Overview

The Madenia JF-607 features a compact and portable design with a powerful 45000 RPM motor, low noise, low heat, and low vibration operation. It includes a 2-in-1 bracket and belt clip for versatile use.

Figure 4.1: Main components of the Madenia JF-607.

Key Features:

- **High Speed Motor:** Up to 45000 RPM for efficient nail filing.
- **Rechargeable Battery:** Dual 1200mAh batteries (2400mAh total) provide approximately 5 hours of working time after a 2-hour charge.
- **LCD Display:** Shows battery level, rotation speed, and direction.
- **360° Speed Adjustment:** Large circular ring for precise and stepless speed control with tactile feedback.
- **Forward/Reverse Function:** Allows for comfortable use by both left and right-handed individuals.
- **Intelligent Memory:** Retains last used speed and direction settings upon restart.
- **Multi-functional Bracket:** Integrated belt clip and desktop stand for convenience.
- **USB Port:** Can be used as a power bank to charge other devices.

Figure 4.2: High-speed motor with low noise, heat, and vibration.

5. Setup

5.1 Charging the Device

Before first use, fully charge the control unit. Connect the Type-C charging cable to the charging port (5) on the control unit and plug the other end into a suitable USB power adapter (not included).

- The LCD screen will display the battery charging status.
- A full charge takes approximately 2 hours and provides up to 5 hours of working time.
- The device can also be used as a power bank via the USB port (6) to charge other devices.

Figure 5.1: Charging the control unit.

5.2 Attaching a Drill Bit

1. Turn the handpiece chuck counter-clockwise until you hear a 'click' sound to unlock it.
2. Insert the desired nail drill bit firmly into the opening of the handpiece.
3. Turn the handpiece chuck clockwise until you hear a 'click' sound to lock the bit in place. Ensure the bit is securely fastened before use.

Figure 5.2: Steps for attaching a drill bit.

5.3 Connecting the Handpiece

Connect the handpiece cable to the Handle Connection Hole (8) on the control unit.

6. Operating Instructions

6.1 Power On/Off and Pause

- **To Turn On/Off:** Long press the ON/OFF/PAUSE button (4) for 2-3 seconds.
- **To Pause:** Short press the ON/OFF/PAUSE button (4) during operation to pause the drill. Short press again to resume.

6.2 Adjusting Speed

Rotate the Speed Knob (3) clockwise to increase speed and counter-clockwise to decrease speed. The LCD screen (2) will display the current RPM.

- The 360° speed adjustment area provides precise control with sound and fixed-point feedback for each gear.
- The maximum speed is 45000 RPM.

Figure 6.1: Speed adjustment and power controls.

6.3 Adjusting Rotation Direction

Use the Forward/Reverse switch (7) to change the rotation direction of the drill bit. 'F' indicates forward (clockwise) and 'R' indicates reverse (counter-clockwise). This feature is useful for different nail applications and for both left and right-handed users.

6.4 Intelligent Memory Function

The device remembers your last used rotation speed and direction. When you pause or restart the nail drill, it will automatically revert to these settings, eliminating the need for readjustment.

7. Maintenance

7.1 Cleaning

- Always turn off and unplug the device before cleaning.

- Wipe the control unit and handpiece with a soft, dry cloth.
- Do not use abrasive cleaners or immerse the device in water.
- Clean drill bits after each use to prevent buildup and maintain performance. Use a small brush or bit cleaner.

7.2 Storage

- Store the device in a cool, dry place away from direct sunlight and moisture.
- Keep all components, especially drill bits, in their designated storage containers to prevent damage or loss.

8. Troubleshooting

If you encounter issues with your Madenia JF-607, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or not charged.	Charge the device fully.
Handpiece not rotating.	Handpiece not connected properly.	Ensure the handpiece cable is securely plugged into the control unit.
Drill bit is loose or falls out.	Bit not properly locked in chuck.	Re-insert the bit and ensure the chuck is turned clockwise until it clicks to lock.
Excessive vibration or noise.	Bent or damaged drill bit; improper bit insertion.	Replace the drill bit or ensure it is inserted correctly and locked securely.
Device overheats.	Prolonged continuous use at high speed.	Allow the device to cool down. Avoid continuous high-speed operation for extended periods.

If the problem persists after trying these solutions, please contact Madenia customer support.

9. Specifications

Feature	Detail
Model Name	JF-607
Max RPM	45000 RPM
Battery Capacity	2400mAh (Dual 1200mAh Lithium Ion)
Charging Time	Approx. 2 hours
Working Time	Approx. 5 hours
Input Voltage	5 Volts (DC)
Power Source	Battery Powered
Item Weight	0.53 Kilograms (1.17 Pounds)
Package Dimensions	11.14 x 6.93 x 2.05 inches
Manufacturer	Madenia

10. Warranty and Support

10.1 Warranty Information

Madenia provides warranty service for this product under the following conditions:

- The warranty is valid for the specified period under normal use and covers product quality problems not caused by human error or artificial damage.
- **Within 7 days of purchase:** Free return, replacement, or repair service is provided.
- **Within 1 year of purchase:** Free maintenance service is provided.
- To claim warranty service, a valid purchase receipt or warranty card is required. The warranty card must not be altered or lost.

10.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Madenia customer service through the retailer where you purchased the product or visit the official Madenia website for contact information.

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