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› USB Rechargeable Engraving Pen User Manual

VQVYBXN WWBV008

USB Rechargeable Engraving Pen User Manual

Brand: VQVYBXN | Model: WWBV008

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your VQVYBXN USB Rechargeable Engraving Pen. This versatile tool is designed for precision engraving, carving, sanding, polishing, etching, routing, grinding, drilling, and cutting on a variety of materials.



Figure 1: The VQVYBXN USB Rechargeable Engraving Pen kit, showing the pen, USB charging cable, various drill bits, saw blades, and rotary bits.

WHAT'S INCLUDED

Your package should contain the following items:

- 1 x USB Rechargeable Engraving Pen
- 30 x Rotary Bits
- 2 x Drill Bits
- 3 x Saw Blades
- 1 x Tungsten Steel Bit
- 1 x USB Charging Cable

PRODUCT FEATURES

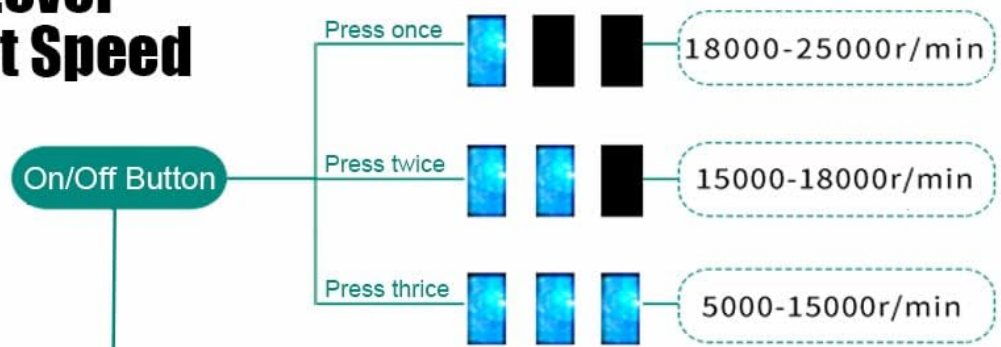
- **USB Wireless Rechargeable Design:** The engraving pen is powered by a rechargeable battery via a USB interface, offering up to 30 minutes of idling time on a full charge for cordless operation.



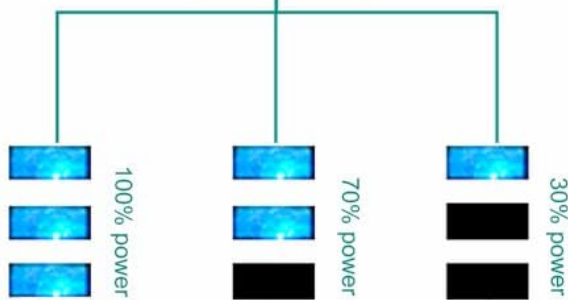
Figure 2: The engraving pen's USB charging port and internal structure, highlighting its rechargeable capability.

- **Visible Speed Adjustment:** Equipped with a quality motor, the pen features 3 adjustable rotation speeds ranging from 5000 to 25000 revolutions per minute (r/min), suitable for various applications.

👍 3 Level Adjust Speed



Power light



overload light

when engraver encounter great resistance, light will be flashing, it will power off to protect itself.

👍 **USB Rechargeable**

👍 **Smart Power Off**

Figure 3: Visual representation of the three-level speed adjustment (5000-15000 r/min, 15000-18000 r/min, 18000-25000 r/min) and battery charge indicators.

- **Versatile Grinding Bits:** The kit includes a comprehensive set of 30 rotary bits, 2 drill bits, 3 saw blades, and 1 Tungsten Steel Bit, enabling engraving, carving, sanding, polishing, etching, routing, grinding, drilling, and cutting.

Engraving



Polishing



Become A Engraving Professor

Jade
Glass
Wood



Metal
Egg
Nut

Figure 4: Demonstrations of the engraving pen's capabilities on diverse materials such as jade, glass, wood, metal, eggshells, and nuts.

- **Smart Power Off:** The device features an automatic shut-off mechanism to protect itself and extend its lifespan if it encounters significant resistance during operation. Simply press the ON/OFF button to resume work.

SETUP

Charging the Engraving Pen

Before first use, fully charge the engraving pen. Connect the provided USB charging cable to the pen's USB port and plug the other end into a compatible USB power source (e.g., computer, wall adapter). The power indicator lights will show the charging status.

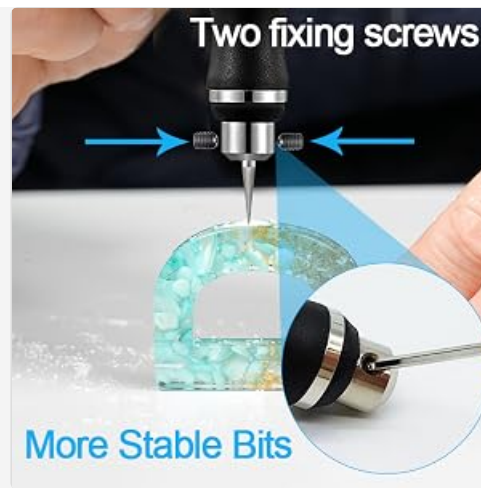


Figure 5: The USB-C charging port of the engraving pen, illustrating how to connect the charging cable.

Installing Bits

Follow these steps to install or change engraving bits:

1. Locate the small wrench or hex key provided with your kit.
2. Insert the wrench into the small hole near the chuck (the tip where the bit goes).
3. Loosen the fixing screws by turning the wrench counter-clockwise until the chuck opens sufficiently.
4. Carefully insert the desired bit into the chuck. Ensure it is seated firmly.
5. Tighten the fixing screws by turning the wrench clockwise until the bit is securely held in place. Do not overtighten.



Figure 6: Detailed instructions for installing both standard bits and saw bits into the engraving pen's chuck.



Figure 7: The two fixing screws on the chuck that ensure stable bit installation during operation.

OPERATING INSTRUCTIONS

Power On/Off and Speed Adjustment

To turn on the engraving pen, press the ON/OFF button once. The pen will start at the lowest speed setting. Press the button again to cycle through the speed settings (low, medium, high). Press a fourth time to turn the pen off.

Low Speed (5000-15000 r/min): Ideal for delicate tasks like nail polishing or fine detail work.

Medium Speed (15000-18000 r/min): Suitable for general engraving and carving.

High Speed (18000-25000 r/min): Best for working on harder materials like metal or for faster material removal.



Figure 8: An internal diagram of the engraving pen, illustrating the motor and the three-level speed adjustment system.

Material Compatibility

The engraving pen is suitable for use on a wide range of materials, including but not limited to:

- Metal
- Glass
- Ceramic
- Leather
- Wood
- Jewelry
- Stone

- Plastic
- Resin
- Bamboo
- Statues



Figure 9: The engraving pen in use on various materials, demonstrating its versatility for different crafting projects.

Your browser does not support the video tag.

Video 1: Demonstration of the engraving pen's performance on metal surfaces, showcasing its etching capabilities.

MAINTENANCE

- **Cleaning:** After each use, gently wipe the pen body with a soft, dry cloth to remove dust and debris.
- **Bit Care:** Clean bits after use to prevent material buildup. Store bits in their designated case to prevent damage and loss.
- **Storage:** Store the engraving pen and its accessories in a cool, dry place, away from direct sunlight and moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engraver stops working during use.	The tool encountered significant resistance and automatically shut off to protect itself.	Press the ON/OFF button to restart the engraver. Reduce pressure or adjust speed for the material being worked on.
Bit is loose or wobbles.	The fixing screws in the chuck are not tightened sufficiently.	Ensure the bit is fully inserted and tighten the fixing screws firmly with the provided wrench.

Problem	Possible Cause	Solution
Pen does not turn on.	Battery is depleted.	Charge the engraving pen using the USB charging cable.

SPECIFICATIONS

Feature	Detail
Brand	VQVYBXN
Model Number	WWBV008
Power Source	Battery Powered (USB Rechargeable)
Voltage	4.2 Volts
Maximum Rotational Speed	25000 RPM
Minimum Speed	5000 RPM
Item Weight	0.17 Kilograms (approx. 6 ounces)
Included Components	1 engraving pen, 30pcs rotary bits, 2 drill bits, 3 saw blades, 1 Tungsten Steel Bit
Color	Silver
Special Feature	Cordless

WARRANTY AND SUPPORT

VQVYBXN offers a 1-year after-sale service for this product. If you encounter any problems or have questions regarding your engraving pen, please contact the seller or manufacturer for assistance. Please refer to your purchase documentation for specific contact details.

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Name

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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