

MAST MTARCHER

MAST Archer Wireless Tattoo Machine Rotary Pen Style Instruction Manual

Model: MTARCHER

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your MAST Archer Wireless Tattoo Machine. Please read this manual thoroughly before operating the device to ensure proper function and longevity.

2. SAFETY INFORMATION

For external use only.

- Always ensure the machine is clean and sterilized before and after each use.
- Use only compatible and sterile cartridge needles.
- Do not attempt to disassemble the motor or internal components beyond routine maintenance as described in this manual.
- Keep the device away from water and excessive moisture, despite its water-resistant rating.
- Store the machine in a dry, cool place when not in use.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The MAST Archer is a wireless rotary tattoo pen machine designed for precision and comfort. It features a visible LCD voltage screen, a powerful coreless motor, and a long-lasting battery.



Figure 1: The MAST Archer Wireless Tattoo Machine, showcasing its sleek design and integrated LCD screen.

Key Features:

- **Wireless Operation:** Integrated 2,000mAh battery provides up to 8 hours of continuous working time.
- **Mcore Coreless Motor:** Custom-designed 12V-10500rpm motor ensures smooth speed changes and minimal vibration.
- **Adjustable Voltage:** Visible LCD screen allows for easy voltage adjustments (5-12V working voltage).
- **Fast Charging:** Equipped with a Type-C charging port for quick recharging.
- **Durable Construction:** Frame made from standard aluminum alloy, CNC carved, with a one-piece seamless body for easy cleaning and protection.
- **Ergonomic Design:** Lightweight (186g), 132mm length, 32mm diameter for comfortable grip during extended use.
- **Compatibility:** Works with all standard cartridge needles.

4. COMPONENTS

The MAST Archer Wireless Tattoo Machine package typically includes:

- MAST Archer Wireless Tattoo Machine
- Type-C Charging Cable
- User Manual (this document)
- One 'A' type battery (pre-installed)

5. SETUP

1. **Initial Charge:** Before first use, fully charge the machine. Connect the provided Type-C charging cable to the machine's charging port and a suitable USB power adapter. A full charge typically takes approximately 2 hours.



Figure 2: The Type-C charging port for fast charging.

2. **Needle Cartridge Installation:** Gently twist and push the desired sterile cartridge needle into the machine's needle port until it clicks securely into place. Ensure the needle is firmly seated.
3. **Adjust Needle Depth:** The machine features an internal spiral needle length mechanism. Rotate the grip of the machine to adjust the needle depth. The LCD screen and cartridge will remain stationary during this adjustment.



Figure 3: Rotating the grip adjusts the needle depth while the LCD and cartridge remain fixed.

6. OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button (usually located near the LCD screen) for a few seconds to turn the machine on or off. The LCD screen will illuminate, displaying the current voltage and battery level.



10V START-UP Mast saber wireless

Remaining Power ,Working Voltage And Working Time Can Be Displayed.



Figure 4: The LCD screen displays voltage, and buttons control power and voltage.

2. **Adjust Voltage:** Use the '+' and '-' buttons to increase or decrease the operating voltage. The voltage range is typically 5V to 12V. Adjust according to your specific tattooing requirements.
3. **Start/Stop Operation:** Briefly press the power button to start or stop the machine's operation.
4. **Wireless or Cabled Use:** The machine can be used wirelessly with its internal battery or connected via the Type-C cable for continuous power, allowing flexibility during use.

7. MAINTENANCE

- **Cleaning:** After each use, carefully wipe down the exterior of the machine with a suitable disinfectant wipe. The one-piece seamless body design facilitates easy cleaning. Do not immerse the machine in liquid.
- **Sterilization:** Ensure all components that come into contact with skin or ink (e.g., needle cartridges) are sterile and disposed of properly after single use.
- **Charging:** Regularly charge the battery to maintain its health. Avoid completely draining the battery frequently.
- **Storage:** Store the machine in its original packaging or a protective case in a clean, dry environment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not turn on.	Low battery or no charge.	Charge the machine using the Type-C cable.
Machine stops during operation.	Battery depleted.	Recharge the machine.
Needle not moving or weak.	Incorrect needle installation; low voltage setting; faulty needle cartridge.	Ensure needle is properly seated; increase voltage; replace needle cartridge.
Machine vibrates excessively.	Loose needle cartridge; internal issue.	Re-seat or replace needle cartridge. If problem persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Model Number	MTARCHER
Motor	Custom Mcore Coreless Motor
Motor Speed	12V - 10500rpm
Stroke Length	3.5mm
Working Voltage	5-12V
Battery Capacity	2,000mAh
Working Time	Up to 8 hours (depending on voltage and usage)
Charging Port	Type-C
Charging Time	Approx. 2 hours for full charge
Weight	186g (6.56 ounces)
Length	132mm
Diameter	32mm
Material	Aluminum Alloy
Water Resistance	Water Resistant

10. WARRANTY AND SUPPORT

MAST products are manufactured to high-quality standards. For warranty information and customer support, please

refer to the official MAST website or contact your authorized dealer. Keep your purchase receipt as proof of purchase.

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