

Ambition mgadfh-192

Ambition Soldier Rotary Battery Pen Tattoo Cartridge Machine

Model: mgadfh-192

INTRODUCTION

This user manual provides comprehensive instructions for the safe and effective operation, maintenance, and troubleshooting of your Ambition Soldier Rotary Battery Pen Tattoo Cartridge Machine. Please read this manual thoroughly before initial use to ensure optimal performance and longevity of your device.

PRODUCT OVERVIEW

The Ambition Soldier tattoo machine is designed for both professional and beginner tattoo artists, offering a powerful and stable performance with its integrated battery and coreless motor.

Key Features

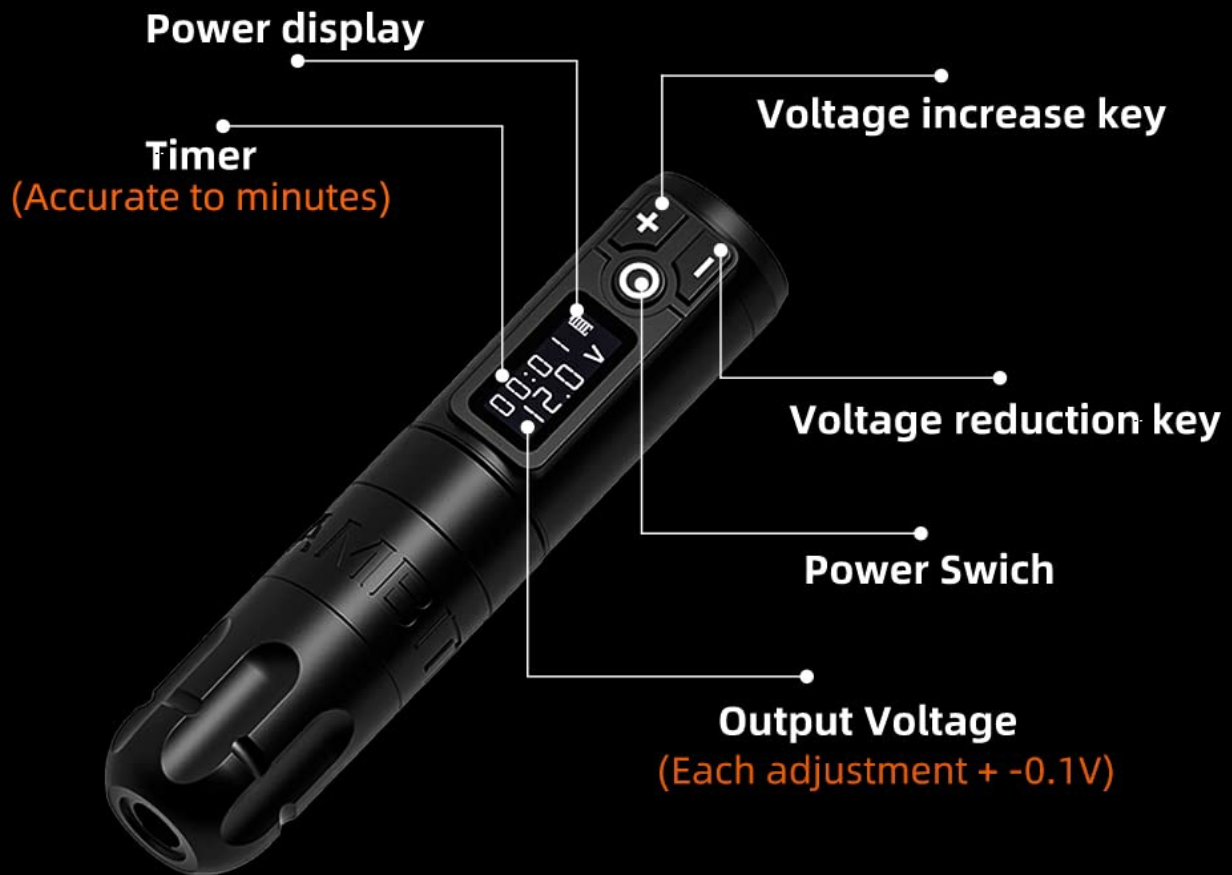
- **Material:** Constructed from durable aluminum alloy, measuring 148mm in length, 32mm grip diameter, and weighing 210g for balanced and comfortable handling.
- **Motor:** Features a custom coreless motor (10V - 9000RPM) for powerful operation, low skin trauma, fast coloring, and minimal heat generation during extended use.
- **Battery:** Equipped with a 2400mAh battery (3x 800mAh lithium cells) providing stable output for up to 10 hours of continuous work at 8V. Fully charges in 2-3 hours and can be recharged at any time.
- **Versatility:** Compatible with all cartridge needle types. The direct drive system enhances performance for both lining and shading.
- **Package Contents:** Includes 1 Battery Tattoo Pen, 1 extra 4.0mm stroke cam, 1 RCA adapter, 1 USB fast charging data cable, and 1 storage box.

Visual Overview



Figure 1: The Ambition Soldier Rotary Battery Pen Tattoo Machine in Gold color.

PRODUCT PARAMETERS



BRAND : AMBITION

SIZE : 148X32MM

CHARGING TIME : 2 HOURS-3 HOURS

NAME : SOLDIER

WEIGHT : 210 GRAM

BATTERY LIFE : 10 HOURS

Figure 2: Diagram illustrating the product parameters including power display, timer, voltage keys, power switch, and output voltage.

AMBITION

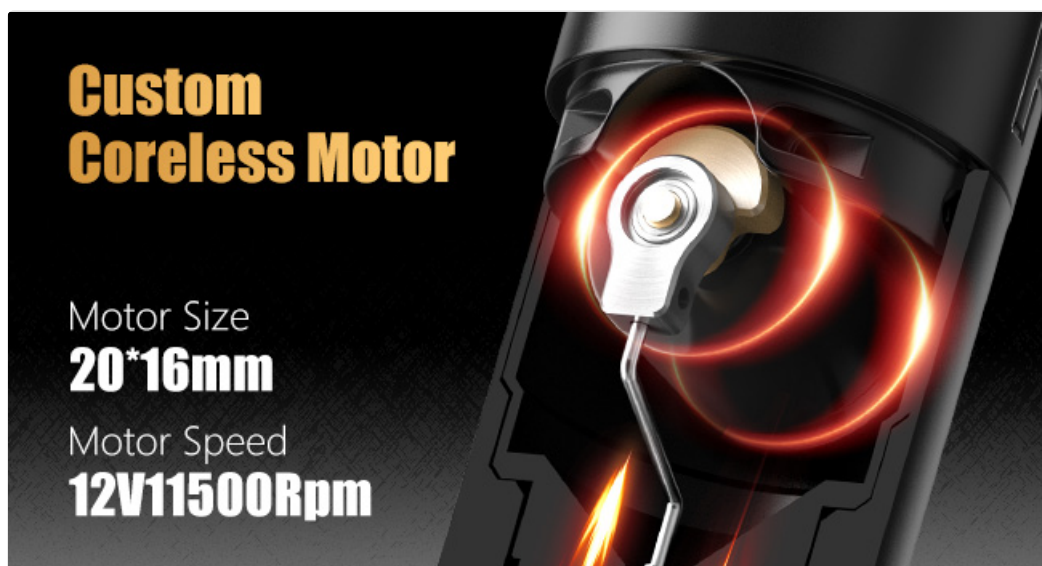


ADJUSTABLE INTERVAL

+ - 0.1V

battery life 10 hours

Figure 3: Close-up view showing the adjustable voltage interval of +/- 0.1V and the 10-hour battery life.



**Custom
Coreless Motor**

Motor Size
20*16mm

Motor Speed
12V11500Rpm

Figure 4: Internal view highlighting the custom coreless motor (20x16mm) with a motor speed of 12V 11500RPM.



Figure 5: Information on battery capacity (2400mAh), charging time (2-3 hours), and battery life (8-10 hours).



Figure 6: Illustration of the low skin loss feature, 4.0mm stroke length, 1.5m/s² vibration value, and 53-55dB decibels, compatible with most tattoo cartridge needles.

AMBITION

Multi-function LED display
(can clearly see the
working voltage, working
time and remaining power)

**Internal Spiral Needle Length
Mechanism Scientific Design**

**Can Use Major Brands of
Tattoo Cartridge Needles
On The Market**

Figure 7: Detail of the click system with a stainless steel ball for wear-resistant, high-precision needle depth adjustment.



Figure 8: The multi-function LED display showing working voltage, working time, and remaining power. Also highlights compatibility with major brands of tattoo cartridge needles.

SETUP

Follow these steps to prepare your Ambition Soldier tattoo machine for use:

1. **Charge the Battery:** Fully charge the battery tattoo pen machine before using it for the first time. Connect the USB fast charging data cable to the machine and a suitable power source.
2. **Attach Needle Cartridge:** Securely attach a compatible cartridge needle to the machine. Ensure it clicks into place.
3. **Power On:** Long-press the 'O' key for 3 seconds to turn on the device. The LED display will illuminate.
4. **Adjust Voltage:** Use the '+' or '-' keys to adjust the output voltage to your desired setting. The voltage can be adjusted in 0.1V increments.
5. **Prepare for Tattooing:** Once the machine is set up and the voltage is adjusted, you are ready to begin tattooing.

OPERATING INSTRUCTIONS

Operating your Ambition Soldier tattoo machine is straightforward. The digital LED display provides real-time information to assist you during your work.

- **Starting Tattooing:** Place the needle on the skin and activate the machine by pressing the 'O' button.
- **Voltage Adjustment:** Fine-tune the voltage during operation using the '+' and '-' buttons. The display will show the current voltage.
- **Monitoring Work Time:** The integrated timer on the LED display accurately tracks your working time in minutes, allowing for precise session management.
- **Monitoring Battery Life:** The LED display also shows the remaining battery power, ensuring you are aware of the charge status.
- **Pause/Resume:** Short-press the 'O' button to pause or resume output during a session.
- **Power Off:** Long-press the 'O' button to turn off the machine after use.

Demonstration Video

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Video 1: Official demonstration of the Ambition Soldier wireless tattoo machine in operation, showcasing its use during a tattooing process.

MAINTENANCE

Proper maintenance ensures the longevity and hygienic operation of your tattoo machine.

- **Cleaning:** After each use, clean the machine thoroughly. Disassemble the grip and wipe down all external surfaces with a suitable disinfectant. Ensure no liquids enter the motor housing.
- **Sterilization:** The grip can be sterilized according to standard tattoo equipment sterilization protocols. Consult your local health regulations for specific guidelines.
- **Lubrication:** Periodically check the internal moving parts, such as the eccentric cam and bearing. If necessary, apply a small amount of machine oil designed for tattoo equipment to ensure smooth operation.
- **Storage:** Store the machine in its provided box or a clean, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge it regularly, even if not in immediate use, to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your Ambition Soldier tattoo machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not turn on.	Low battery; incorrect power-on procedure.	Ensure the battery is fully charged. Long-press the 'O' button for 3 seconds to power on.
Machine stops during operation.	Low battery; temporary pause activated.	Check battery level and recharge if necessary. Short-press 'O' button to resume operation.
Unusual noise or vibration.	Loose needle cartridge; internal component issue (e.g., eccentric screw).	Ensure needle cartridge is securely attached. Inspect the eccentric cam and screw for looseness or damage; replace if necessary (refer to included extra cam).

Problem	Possible Cause	Solution
Inconsistent power output.	Low battery; faulty connection.	Recharge battery. Check all connections for secure fit.

If the problem persists after attempting these solutions, please contact Ambition customer support for further assistance.

SPECIFICATIONS


Attribute	Detail
Product Dimensions	7.28 x 5.31 x 2.13 inches; 8.99 ounces
Item Model Number	mgadfh-192
UPC	008574148661
Manufacturer	Ambition
ASIN	B088LP2Q81
Country of Origin	China
Color	Gold
Battery Capacity	2400mAh
Motor Speed	12V 11500RPM
Stroke Length	4.0mm
Working Voltage	5-12V



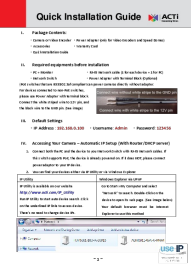


WARRANTY AND SUPPORT

For warranty information or technical support, please contact Ambition customer service through the retailer where you purchased the product or visit the official Ambition website. Keep your purchase receipt as proof of purchase.

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Related Documents - mgadfh-192

	<p>Siemens TH 192 DN/DNV Day-Night Room Thermostat Technical Instructions</p> <p>Technical instructions for Siemens TH 192 DN and TH 192 DNV Day-Night and Day-Night-Vent Room Thermostats. Details features, operation, specifications, calibration, troubleshooting, and service parts for these pneumatic control devices used in HVAC systems.</p>
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 <p>OPERATING AND INSTALLATION INSTRUCTIONS</p> <p>AMBITION STOVE</p> <p>Is essential for user to observe correct safety when operating this stove.</p> <p>ECO DESIGN READY</p> <p>HETA</p> <p>EN</p> <p>DANISH DESIGN DANISH QUALITY DANISH PRODUCTION</p>	<p>Heta Ambition Stove: Operating and Installation Instructions</p> <p>Comprehensive guide for the Heta Ambition wood stove, covering operation, installation, maintenance, troubleshooting, and safety guidelines. Includes technical specifications and EU conformity.</p>
 <p>User Manual</p> <p>Contents</p> <p>Chapter 01: Introduction</p> <p>Chapter 02: Getting Started</p> <p>Chapter 03: Basic Operation</p> <p>Chapter 04: Advanced Features</p> <p>Chapter 05: Troubleshooting</p> <p>Chapter 06: Appendix</p> <p>HUION</p>	<p>Huion Kamvas Pro 20 User Manual</p> <p>User manual for the Huion Kamvas Pro 20 Creative Pen Display, covering setup, operation, features, and troubleshooting for Windows and Macintosh OS.</p>
 <p>Quick Installation Guide</p> <p>1. Package Contents</p> <p>2. Pre-Installation</p> <p>3. Mounting and Installation</p> <p>4. Default Settings</p> <p>5. Network Setup</p> <p>6. Troubleshooting</p> <p>7. Appendix</p> <p>ACTi</p>	<p>ACTi D55 3MP Indoor Dome Camera Quick Installation Guide</p> <p>A concise and SEO-optimized HTML guide for the ACTi D55 3MP Indoor Dome Camera, covering package contents, required equipment, default settings, and automatic/manual IP setup procedures.</p>
 <p>Siemens</p> <p>POWERS™ CONTROLS</p> <p>Pneumatic Thermostats</p> <p>Quick Reference Guide</p> <p>192 S, 192 DN/DNV, 192 HC, 193 HC, 832 D, 356 Limitem, 357 D Limitem, 188 Unit Mounted, 134 Pneumatic</p>	<p>Siemens POWERS™ Controls Pneumatic Thermostats: Quick Reference Guide</p> <p>Comprehensive quick reference guide for Siemens POWERS™ Controls Pneumatic Thermostats, detailing models 192 S, 192 DN/DNV, 192 HC, 193 HC, 832 D, 356 Limitem, 357 D Limitem, 188 Unit Mounted, and 134 Pneumatic. Features, applications, and specifications for various room thermostat series.</p>
 <p>USER'S MANUAL</p> <p>1. Introduction</p> <p>2. Installation</p> <p>3. Configuration</p> <p>4. Operation</p> <p>5. Maintenance</p> <p>6. Troubleshooting</p> <p>7. Appendix</p> <p>JOOAN</p>	<p>JOOAN User's Manual: Network Camera and DVR/NVR Setup Guide</p> <p>Comprehensive user's manual for JOOAN network cameras and DVR/NVR systems, covering installation, configuration, LAN/WAN connection, remote viewing, and troubleshooting.</p>