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› Ambition Zetton Pro Wireless Tattoo Pen Machine User Manual

Ambition AB-ZettonPro-5809dj-1

Ambition Zetton Pro Wireless Tattoo Pen Machine User Manual

INTRODUCTION

Welcome to the Ambition Zetton Pro user manual. This guide provides essential information for the safe and effective operation of your new wireless rotary tattoo pen machine. Please read thoroughly before use to ensure optimal performance and longevity of your device.

PRODUCT FEATURES

- **Engineered for Power Professionals:** The Ambition Zetton Pro tattoo gun machine features a premium aluminum construction with a 132mm body and 42mm grip diameter. Its intentionally calibrated 272g weight, enhanced by advanced counterbalance, delivers superior stability for heavy-handed artists or those with larger hands, transforming heft into controlled performance power.
- **Marathon-Ready Powerhouse:** Boasts a massive 2400mAh battery delivering 8-10 hours of continuous runtime, effortlessly powering through extended sessions. Its oversized OLED screen displays real-time voltage (1-12V adjustable), a built-in timer, and auto-billing that calculates fees via adjustable per-minute rates during pauses, streamlining artists' workflow.
- **Innovative Straight Drive Rod:** Differentiates the Ambition Zetton Pro tattoo gun with a straight drive bar (versus common right-angle designs) for more direct power transmission, stronger needle strikes, smoother operation, and the classic feel of an old coil machine. The Ambition Zetton Pro tattoo pen is an undisputed workhorse for tattoo artists, excelling particularly in smooth shading performance.
- **Dual Swappable Stroke Settings:** The tattoo machine is powered by a brushless motor and comes standard with a 4.0mm stroke cam optimized for lining & color packing, plus an included 3.5mm stroke cam that excels in smooth shading. Easily swap between cams in seconds to match every tattooing need. The integrated direct drive system delivers robust power and exceptionally stable output. Throughout operation, the machine consistently maintains remarkably low noise and vibration levels.
- **Packing Contents:** Includes: 1 Zetton Pro Tattoo Machine, 1 RCA Adapter, 1 Additional 34mm Grip, 1 Accessory Bag (with 3.5mm Stroke Cam), 1 RCA Cord, and 1 USB-C Fast Charging Cable.

SETUP

Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the machine and accessories for any signs of damage. If any components are missing or damaged, please contact customer support immediately.

Charging the Battery

Before first use, fully charge the machine's battery. Connect the USB-C fast charging cable to the machine and a 5V/2A charging adapter. Ensure the battery is not completely drained before charging to prolong its lifespan. Charging time is approximately 2-2.5 hours.



HIGH CAPACITY BATTERY

 2400 mAh	 6-7 Hours	 2-3 Hours	 1-12 Voltage	 10 Voltage	 \$ Money
Battery capacity	Battery life	Charger time	Voltage range	Jump start	Billing function

NOTE: THE BATTERY LIFE IS THE TEST RESULT OBTAINED BY OUR COMPANY USING 05RM PIN HEADERS AT 8V VOLTAGE.

 **Charging input :** Recommend use the original charging cable, Use 5V/2A charging adapter
Please do not completely drain the battery before charging, as this can damage the battery

Image: The Ambition Zetton Pro's high-capacity 2400mAh battery unit, featuring the OLED display showing voltage, battery level, and timer.

Attaching the Grip

The machine comes with a 42mm grip installed and an additional 34mm grip. Choose the grip that provides the most comfortable and stable hold for your tattooing style. To change the grip, simply unscrew the current grip and screw on the desired one until secure.

COMFORTABLE TO HOLD

- Ergonomic grip design
- More comfortable grip
- High stability

Grip Size: 34/42mm
TWO TYPES OF GRIPS



Image: The Ambition Zetton Pro machine body with two interchangeable grips (34mm and 42mm) demonstrating the ergonomic design.

Installing/Swapping Stroke Cams

The machine includes a 4.0mm stroke cam for lining and color packing, and a 3.5mm stroke cam for smooth shading. To swap cams, refer to the accessory bag for the 3.5mm cam and follow the instructions for cam replacement. Ensure the cam is securely fastened before operation.

DIRECT DRIVE SYSTEM

The cam is perfectly compatible with the motor which makes the machine more powerful and always keeping low noise and vibration

STRAIGHT DRIVE BAR LESS RESISTANCE , MORE POWERFUL

- Hit the cartridges more harder and less skin loss
- Takes shading and color packing to be more efficient and a whole new level



Vibration value
1.1m/s²



Decibels
45-49dB



**4.0MM ORIGINAL STROKE &
3.5MM EXTRA STROKE**

Image: An internal view of the Ambition Zetton Pro's direct drive system, highlighting the stroke cam mechanism and indicating the 4.0mm original and 3.5mm extra stroke options.

Needle Cartridge Installation

Insert your preferred needle cartridge into the machine. Twist gently to secure it in place. Ensure the needle is properly seated and aligned.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button to turn the machine on or off. The OLED screen will illuminate upon power-on, displaying current settings.

Voltage Adjustment

Use the '+' and '-' buttons on the control panel to adjust the output voltage between 1V and 12V. The current voltage will be prominently displayed on the OLED screen.

OLED Screen Functions

The oversized OLED screen provides real-time information including current voltage, a built-in timer for tracking session duration, and an auto-billing function. The auto-billing feature calculates fees based on

adjustable per-minute rates during pauses in operation, aiding in professional workflow management.

Battery Life

Under normal 8V voltage, the 2400mAh battery provides approximately 5-6 hours of stable operation. Actual battery life may vary based on voltage settings, needle type, and usage intensity.

MAINTENANCE

Cleaning

After each use, clean the machine thoroughly. Use appropriate tattoo equipment cleaning solutions and follow standard sterilization protocols. Do not immerse the machine in liquid. Ensure all external surfaces are wiped clean and disinfected.

Storage

Store the machine in a clean, dry place away from direct sunlight, extreme temperatures, and high humidity. Keep it in its protective case when not in use to prevent damage.

TROUBLESHOOTING

Machine Not Turning On

- Ensure the battery is fully charged.
- Verify that the battery unit is securely attached to the machine body.
- If the issue persists after charging, contact customer support.

Inconsistent Power/Voltage Fluctuations

- Check the battery charge level. A low battery can lead to unstable voltage output.
- Ensure the needle cartridge is not jammed or improperly installed, which can cause resistance.
- If the problem continues with a fully charged battery and properly installed cartridge, contact support.

Screen Malfunctions

- If the OLED screen displays errors, flickers, or shorts out, immediately power off the device.
- Ensure no moisture has entered the device, as this can cause electronic damage.
- Contact Ambition customer service for assistance, as this may indicate a battery or internal component issue requiring professional repair.

Excessive Noise or Vibration

- Verify that the stroke cam and needle cartridge are correctly installed and secured. Loose components can cause increased noise and vibration.
- Ensure the machine is clean and free of debris that might impede smooth operation.
- If the issue persists, contact support.

SPECIFICATIONS

Feature	Detail
Material	Space aluminum alloy
Needle Stroke	4.0mm (standard), 3.5mm (extra)
Motor	Custom coreless brushless motor
Motor Speed	10V / 10000rpm
Torque	180g.cm
Battery Capacity	2400mAh
Operation Time	5-6 hours (at 8V)
Charging Time	2-2.5 hours
Output Voltage	1V-12V
Weight	272g
Dimensions	132mm body, 42mm grip diameter
Vibration Value	1.1m/s ²
Decibels	45-49dB
Item Model Number	AB-ZettonPro-5809dj-1
UPC	810174734201

WARRANTY AND SUPPORT

Warranty Information

The Ambition Zetton Pro Tattoo Machine is backed by a **1-Year Warranty**. This warranty covers defects arising from normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For troubleshooting assistance, repair services, or replacement support, please contact Ambition via official channels. Refer to the product packaging or the Ambition website for the most current contact details. Our support team is dedicated to ensuring your satisfaction and resolving any issues you may encounter.