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Ambition AB-SWKTCP-7542jin2-1

Ambition Seher Wireless Tattoo Machine User Manual

Model: AB-SWKTCP-7542jin2-1

1. PRODUCT OVERVIEW

The Ambition Seher Wireless Tattoo Machine is a high-performance rotary tattoo pen designed for professional artists. It features an aluminum alloy frame, a coreless motor, and a touch-sensitive LED digital display for precise control. The machine offers adjustable stroke lengths and can be used wirelessly with its integrated battery or wired via an RCA adapter.



Image 1.1: The Ambition Seher Wireless Tattoo Machine, showcasing its sleek design and integrated display.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Ambition Seher Battery Tattoo Pen
- 1x Extra Battery (if purchased with extra battery option)
- 1x RCA Adapter
- 1x RCA Clip Cord
- 1x Charging Cable
- 1x Storage Box

3. SETUP INSTRUCTIONS

3.1 Charging the Battery

Before first use, fully charge the battery. Use the provided charging cable and a 5V/2A charging adapter.

Avoid completely draining the battery, as this can cause damage.



Image 3.1: Illustration of the battery charging process and recommendations.

3.2 Assembling the Machine

The Ambition Seher machine is designed for easy disassembly and assembly for maintenance. To prepare for use:

1. Ensure the battery is charged and securely attached to the machine body.
2. Insert a compatible cartridge needle into the machine's bayonet. The machine is compatible with most cartridge needle types.
3. Rotate the grip to adjust the needle depth. The built-in stainless steel high-grade positioning steel ball ensures accurate adjustment and prevents accidental changes during tattooing.



Image 3.2: Detailed view of the machine's construction, non-slip grip, needle depth adjustment, and standard bayonet.

3.3 Wired Operation (Optional)

For wired operation, detach the battery and connect the RCA adapter and clip cord to a compatible power supply.



Image 3.3: The machine supports both wireless battery operation and wired operation via an RCA connection.

4. OPERATING INSTRUCTIONS

4.1 Power ON/OFF

- To power ON: Press and hold the 'Ambition' key (power button) for 3 seconds.
- To power OFF: Press and hold the 'Ambition' key for 3 seconds.

4.2 Output Pause/Resume

- To pause output: Press the 'Ambition' key once.
- To resume output: Press the 'Ambition' key again. The machine will resume at the working voltage set before the pause.

4.3 Adjusting Voltage

The machine offers three voltage adjustment modes:

1. **Fixed Voltage (4 Memory Modes):** Touch the middle of the display to switch between preset voltages: 5V, 7V, 9V, and 11V.
2. **0.1V Increments/Decrements:** Slide the display left or right to adjust the voltage by 0.1V increments.
3. **1V Increments/Decrements:** Touch the red arrow icons on the display to adjust the voltage by 1V increments.



Image 4.1: Detailed view of the touch screen interface for voltage adjustment and mode selection.

4.4 Display Information

The colorful LED display shows the following information:

- Working Voltage
- Remaining Power Percentage
- Hertz (Hz)
- Timer

4.5 Screen Lock Function

The screen automatically locks 3 minutes after power-on to prevent accidental changes. To deactivate the lock mode, swipe up on the display.

4.6 Adjusting Stroke Length

The Ambition Seher machine features 6 adjustable stroke lengths, allowing versatility for various tattooing styles (lining, shading, color packing). To change the stroke length:

- Turn the adjustment knob on the machine body to select the desired stroke length: 2.2mm, 2.6mm, 3.0mm, 3.4mm, 3.8mm, or 4.2mm.



Image 4.2: Visual guide for adjusting the stroke length by rotating the knob on the machine body.

4.7 Jumpstart Mode

To activate or deactivate Jumpstart mode:

- Swipe down on the display.
- If the display is red, Jumpstart mode is active (8V).
- If the display is white, Standard mode is active.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Ambition Seher tattoo machine.

- **Cleaning:** The machine is detachable as a whole, allowing for easy disassembly for cleaning and sterilization of components that come into contact with ink or bodily fluids. Always follow proper hygiene protocols for tattoo equipment.
- **Battery Care:** Avoid completely draining the battery before recharging. Store the machine and batteries in a cool, dry place when not in use.
- **Component Replacement:** The design allows for easy replacement of spare parts if needed. Refer to authorized service centers or Ambition support for genuine parts.



Image 5.1: The machine can be disassembled for thorough cleaning and maintenance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Ambition Seher Wireless Tattoo Machine.

- **Machine Not Turning On:** Ensure the battery is fully charged and properly connected. Press and hold the 'Ambition' key for 3 seconds to power on.
- **Inconsistent Power Output:** Check battery level. If using wired mode, ensure the RCA connection is secure and the external power supply is functioning correctly.
- **Screen Unresponsive:** If the screen is locked, swipe up to deactivate the lock mode. If the issue persists, try restarting the machine.
- **Needle Depth Changes During Use:** Ensure the grip is rotated firmly to engage the positioning steel ball, which is designed to prevent accidental depth changes.
- **Unusual Noise or Vibration:** Disassemble the machine and check for any loose components or obstructions. Ensure the eccentric wheel system is clean and free of debris.

If you experience issues not covered here, please contact Ambition customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Ambition Seher Wireless Tattoo Machine:

Feature	Specification
Model Number	AB-SWKTCP-7542jin2-1
Material	Aluminum Alloy Frame, CNC Carved
Length	149mm (5.86 inches)
Diameter	34mm (1.33 inches)
Weight	266g (9.38 oz)
Motor	Coreless Motor
Motor Speed	12V - 10500 RPM
Torque	190g.cm
Stroke Lengths	2.2mm, 2.6mm, 3.0mm, 3.4mm, 3.8mm, 4.2mm (Adjustable)
Battery Capacity	2400 mAh
Working Voltage	4.5V - 12V
Battery Life	8-10 Hours (at 8V output)
Charging Time	2-3 Hours
Vibration Value	0.7m/s ²
Decibels	35-37dB
Product Dimensions (Box)	7.1 x 5.2 x 2.4 inches
Water Resistance Level	Water Resistant



Image 7.1: Summary of key product specifications.



Image 7.2: Close-up view of the powerful coreless motor and its specifications.

8. SAFETY INFORMATION

Please observe the following safety guidelines:

- For professional use only.
- Avoid contact with eyes.
- Keep away from naked flames or direct heat sources.
- Ensure proper sterilization of all components that come into contact with skin or ink.
- Do not attempt to modify the machine, as this may void any potential warranty and could lead to malfunction or injury.

9. WARRANTY AND SUPPORT

Specific warranty details are not provided in this manual. For warranty information, product support, or to purchase genuine spare parts, please contact Ambition customer service or visit the official Ambition store:

[Visit the Ambition Store on Amazon](#)