Solong Tattoo SL-TKE200A-4-USA

Solong Tattoo Gun Kit SL-TKE200A-4-USA

Instruction Manual

1. Introduction

This manual provides detailed instructions for the safe and effective operation and maintenance of your Solong Tattoo Gun Kit, model SL-TKE200A-4-USA. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

2. Safety Information

- Always ensure the device is clean and sterilized before and after each use.
- Use only compatible and sterile cartridge needles.
- Wear appropriate personal protective equipment, including gloves, during operation.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Store the device and accessories out of reach of children.
- Dispose of used needles and other contaminated materials according to local regulations.

3. Package Contents

Verify that all items listed below are included in your package:



Image: Overview of all components included in the Solong Tattoo Gun Kit.

- Tattoo Machine * 1
- 30ml Tattoo Ink * 1 (Pure Black)
- Cartridge Needles * 20
- Grip Cover * 1
- Glove * 1 pair
- Transfer Paper * 5
- Practice Skin * 1
- Type-C Cable * 1
- Ink Cups * 30
- 5ml Tattoo Ink * 5 (Assorted Colors)

4. Product Overview

The Solong Tattoo Gun Kit features a wireless tattoo pen designed for precision and versatility. It includes an integrated battery and an OLED display for monitoring settings.



Image: Detailed view of the Solong tattoo machine's OLED display, showing output voltage, frequency, stippling mode, stippling frequency level, timer, memory mode, and battery level display.

Key Features:

- **7 Adjustable Stroke Lengths:** Ranging from 2.0mm to 4.2mm for diverse tattooing techniques.
- **Powerful Battery:** 1600mAh lithium battery providing 5-6 hours of operation on a 2-hour charge.
- **OLED High-Definition Digital Display:** Shows output voltage, frequency, stippling mode, timer, memory mode, and battery level.
- **Advanced Motor Drive System:** German-engineered motor with 10,000 RPM±5% stability, ultra-quiet operation, and minimal vibration.
- **Customizable Appearance:** Includes 5 colored wallpapers for personalization.

5. Setup

5.1 Charging the Device

1. Connect the provided Type-C cable to the charging port at the top of the tattoo machine.
2. Connect the other end of the cable to a compatible USB power adapter (not included).
3. The OLED display will indicate charging status. A full charge typically takes 2 hours.

5.2 Attaching a Cartridge Needle

1. Ensure the machine is powered off.
2. Carefully insert a sterile cartridge needle into the front opening of the machine.
3. Twist the needle clockwise until it is securely locked in place.
4. To remove, twist counter-clockwise and pull gently.

6. Operating Instructions

6.1 Power On/Off

- Press and hold the **ON/OFF** button (red button) for a few seconds to power on or off the device.



Image: Close-up of the Solong tattoo machine's control buttons, indicating the + Up Button, - Down Button, and ON/OFF button.

6.2 Adjusting Voltage

- Use the **+ Up Button** and **- Down Button** to adjust the output voltage. The voltage range is 4V to 12V.
- The current voltage setting is displayed on the OLED screen.

6.3 Adjusting Stroke Length

The stroke length can be adjusted by rotating the grip section of the machine.



Image: Illustration of the adjustable stroke mechanism, showing left and right rotation to select stroke lengths from 2.0mm to 4.2mm.

- Rotate the purple ring section of the machine left or right to select the desired stroke length.
- Available stroke lengths are 2.0mm, 2.3mm, 2.6mm, 3.0mm, 3.4mm, 3.8mm, and 4.2mm.

6.4 Operating Modes (Standard and Stippling)

The machine supports two primary operating modes:

- **Standard Mode (STD):** Suitable for general lining and shading.
- **Stippling Mode (NPS):** For creating stippling effects.

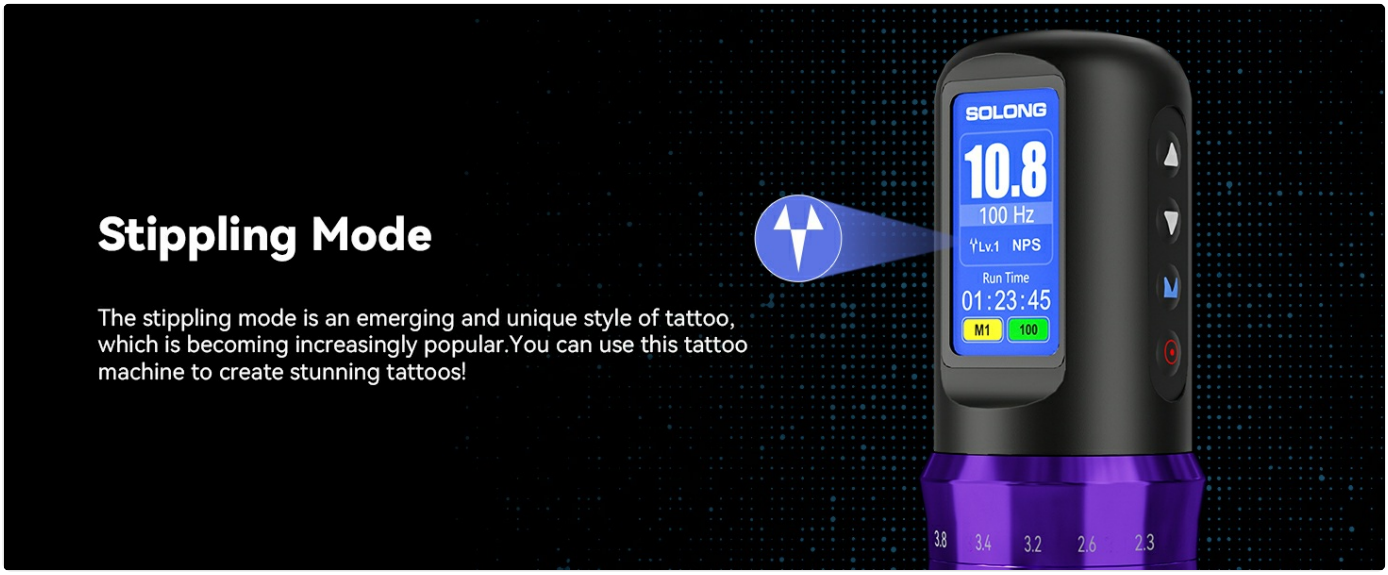


Image: Display showing the machine operating in Standard Mode (STD).

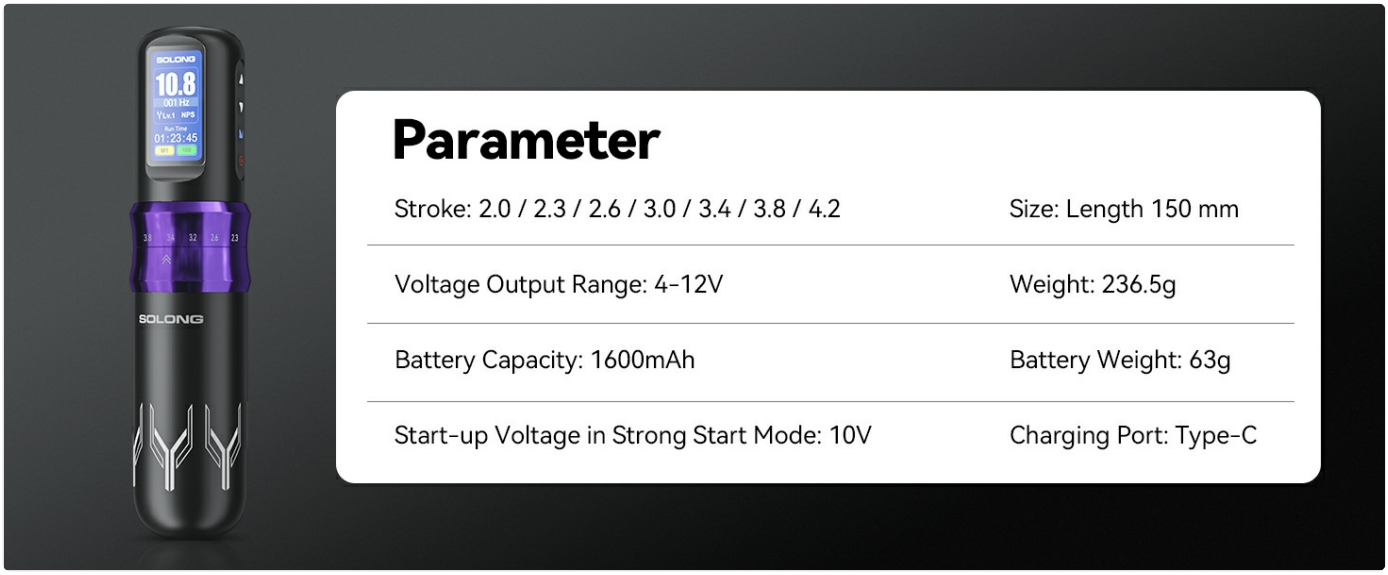


Image: Display showing the machine operating in Stippling Mode (NPS).

Refer to the display for the currently active mode. Specific instructions for switching between modes are typically found in the quick start guide or on-screen prompts.

6.5 Force Start Mode

- While the device is powered off, rapidly double-click the power button to activate Force Start Mode.
- This mode is indicated by a lightning bolt icon on the display.
- The start-up voltage in Force Start Mode is 10V.

6.6 Changing Display Wallpaper

To personalize your device, you can change the display wallpaper:



Image: Visual guide showing how to press both the Up and Down buttons along with the M button for 3 seconds to change the display wallpaper.

- Press both the **Up** and **Down** buttons simultaneously with the **M** button for 3 seconds to cycle through the available wallpapers.

7. Maintenance

7.1 Cleaning

- Always power off and disconnect the device before cleaning.
- Wipe the exterior of the machine with a clean, damp cloth and a mild disinfectant.
- Do not immerse the machine in liquid.
- Ensure all surfaces are dry before storage or next use.

7.2 Storage

- Store the tattoo machine and accessories in a clean, dry place, away from direct sunlight and extreme temperatures.
- Keep the device in its original packaging or a protective case when not in use.

8. Troubleshooting

Problem	Possible Cause	Solution
Machine does not power on.	Low battery or no charge.	Charge the device fully using the provided Type-C cable.
Needle not moving correctly.	Improperly installed cartridge needle or incorrect stroke setting.	Ensure the cartridge needle is securely twisted into place. Verify stroke length setting.
Machine stops during operation.	Battery depleted.	Recharge the device.
Display is dim or unresponsive.	Low battery or device malfunction.	Charge the device. If the issue persists, contact customer support.

9. Specifications

Feature	Detail
Stroke Lengths	2.0mm, 2.3mm, 2.6mm, 3.0mm, 3.4mm, 3.8mm, 4.2mm
Voltage Output Range	4V - 12V
Battery Capacity	1600mAh
Working Hours	5-6 hours (after 2 hours full charge)
Motor Speed	10,000 RPM ±5%
Start-up Voltage (Force Start Mode)	10V
Charging Port	Type-C
Length	150 mm
Weight	236.5g
Battery Weight	63g



Image: Graphic displaying key technical parameters of the Solong Tattoo Machine, including stroke, voltage, battery, size, and weight.

10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official Solong Tattoo website. Do not attempt to repair the device yourself, as this may void your warranty.

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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