

## POSEIDON TK208-UK

# POSEIDON Wireless Tattoo Pen Kit TK208-UK Instruction Manual

Model: TK208-UK

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your POSEIDON Wireless Tattoo Pen Kit. Please read this manual thoroughly before operating the device to ensure proper function and longevity of the equipment. This kit is designed for both beginners and experienced artists.

## 2. PACKAGE CONTENTS

The POSEIDON Wireless Tattoo Pen Kit includes the following components:

- 1x Wireless Tattoo Pen
- 20x Assorted Tattoo Needle Cartridges (5x1205RL, 5x1207RL, 5x1209RS, 5x1207CM)
- 2x 1800mAh High-Capacity Batteries
- 11x Tattoo Ink Bottles (Black and assorted colors)
- Ink Cups
- Practice Skin
- Stencil Paper
- Marker Pen
- Grips
- USB-C Charging Cable



Image 2.1: Overview of all items included in the POSEIDON Wireless Tattoo Pen Kit.

### 3. PRODUCT OVERVIEW

### 3.1 Wireless Tattoo Pen

The tattoo pen features a high-performance motor, an ergonomic non-slip handle, and a universal needle opening compatible with most cartridge needles. The integrated LED display shows voltage, session timer, and battery level.



Image 3.1: Key features of the POSEIDON Wireless Tattoo Pen, including the high-performance motor, non-slip handle, and needle opening.

### 3.2 Batteries

The kit includes two 1800mAh lithium polymer batteries, providing 5-8 hours of operation per charge. Each battery has a digital display indicating current voltage, frequency, and session time. Charging time is approximately 2 hours via USB-C.





Image 3.2: The two 1800mAh batteries, showing their digital displays for voltage and session time.

## 4. SETUP

### 4.1 Charging the Battery

1. Connect the provided USB-C charging cable to the battery's charging port.
2. Connect the other end of the cable to a compatible USB power adapter (not included).
3. The battery display will indicate charging status. A full charge takes approximately 2 hours.

### 4.2 Assembling the Tattoo Pen

1. Ensure the tattoo pen is clean and sterilized according to standard hygiene practices.
2. Twist the battery clockwise onto the top of the tattoo pen until securely fastened.
3. Select the desired needle cartridge.
4. Insert the needle cartridge into the front opening of the pen by pushing it firmly until it clicks into place.
5. To remove, twist the cartridge counter-clockwise and pull it out.

## 5. OPERATING INSTRUCTIONS

## 5.1 Power On/Off

- To power on, press and hold the power button (usually marked with a circle or power symbol) for a few seconds until the display illuminates.
- To power off, press and hold the power button again until the display turns off.
- To start/pause operation, short press the power button.

## 5.2 Voltage Adjustment

- The voltage can be adjusted from 4V to 12V in 0.1V increments.
- Use the "+" button to increase voltage.
- Use the "-" button to decrease voltage.
- The current voltage is displayed on the LED screen.

## 5.3 Stroke Length Adjustment

The tattoo pen features 7 adjustable stroke settings, ranging from 2.4mm to 4.2mm. Adjust the stroke length by rotating the grip section of the pen.



Image 5.1: Detail of the stroke length adjustment mechanism on the tattoo pen.

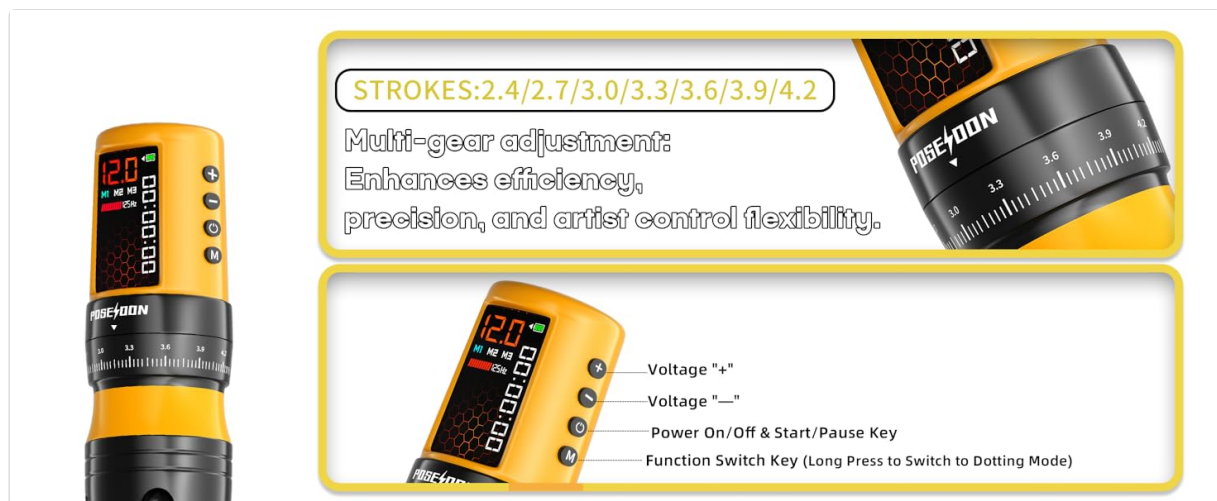


Image 5.2: Visual guide to the multi-gear stroke adjustment and control buttons for voltage and mode selection.

## 5.4 Working Modes (Normal/Dot)

- The pen supports two working modes: Normal mode (standard operation) and Dot mode (for precise dotwork/stippling).
- To switch between modes, long press the function switch key (usually marked 'M'). The display will indicate the active mode.

## 5.5 Session Timer

The integrated digital timer on the LED display tracks the duration of your tattooing session. This feature assists with time management during appointments.

# 6. MAINTENANCE

## 6.1 Cleaning and Sterilization

- Always disconnect the battery from the pen before cleaning.
- Wipe the exterior of the tattoo pen with a sterile wipe or a cloth dampened with an approved disinfectant solution after each use.
- Do not immerse the tattoo pen or battery in liquid.
- Needle cartridges are single-use and must be disposed of properly after each session.

## 6.2 Storage

- Store the tattoo pen and accessories in a clean, dry place away from direct sunlight and extreme temperatures.
- Ensure batteries are partially charged (around 50%) before long-term storage to maintain battery health.

# 7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Pen does not turn on.	Battery is discharged or not properly connected.	Charge the battery. Ensure the battery is securely twisted onto the pen.

Problem	Possible Cause	Solution
Needle not moving or moving weakly.	Low voltage setting, faulty needle cartridge, or motor issue.	Increase voltage. Replace the needle cartridge. If problem persists, contact support.
Battery not charging.	Faulty USB-C cable or power adapter.	Try a different USB-C cable and power adapter. Ensure connections are secure.
Inconsistent performance.	Low battery, incorrect stroke setting, or worn-out needle.	Ensure battery is fully charged. Adjust stroke length. Replace needle cartridge.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	TK208-UK
Battery Capacity	2 x 1800mAh Lithium Polymer
Working Voltage	4-12V (adjustable in 0.1V increments)
Stroke Settings	7 settings (2.4mm - 4.2mm)
Motor Speed	8V, 8000RPM
Charging Time	Approx. 2 hours
Working Time	5-8 hours per battery
Package Dimensions	8.54 x 7.87 x 3.9 inches
Weight	2.69 Pounds
UPC	716597329713

## 9. SAFETY INFORMATION

- This device is intended for professional use or supervised training.
- Always follow proper sterilization and hygiene protocols to prevent cross-contamination.
- Use only compatible needle cartridges.
- Keep the device out of reach of children.
- Do not attempt to disassemble or modify the device, as this may void the warranty and pose safety risks.
- Consult a medical professional if you experience any adverse reactions or complications.



STRONGER APPLICABILITY  
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## SAFETY SYSTEM

### Reduce skin lesions

Pay attention to the deformation state of silicone  
Pay attention to the safety of rebound frequency

### Protect the machine

Fine control of the hardness of silicone  
No additional load to the motor



### Easy compatibility of needle with machine drive system

#### How to maintain an expensive tattoo machine

Silicone is too hard: The rebound is strong, causing a relatively large impact on the machine drive and motor.  
Large load reduces the machine drive life

Silicone is too soft: The weak rebound of silicone will reduce the needleforce, making it difficult to perform better tattoos.  
It has poor compatibility with most tattoo pens and generates high noise during operation

Choosing is more important

soft

hard



Image 9.1: Illustration of the internal silicone safety system designed to reduce skin lesions and protect the machine.

## 10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact POSEIDON customer service through the retailer where the product was purchased or visit the official POSEIDON brand store online. Please retain your proof of purchase for warranty claims.


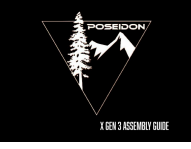
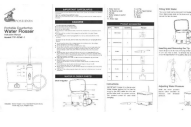


### Related Documents - TK208-UK



#### [POSEIDON Tattoo Kit Instructions & Product Overview](#)

Comprehensive guide to the POSEIDON tattoo kit, including product components, setup, and usage instructions for beginners. Learn how to use the tattoo pen, power supply, needles, and ink safely.



	<p><a href="#">M28 Firmware Update Procedure and Troubleshooting Guide</a></p> <p>Comprehensive guide for updating the firmware on the M28 device and associated accessories like SE7EN, CPOD, HUD, DISPLAY, and paddle display using RB Config software. Includes detailed steps and troubleshooting for common update failures.</p>
	<p><a href="#">Poseidon X Gen 3 Assembly Guide: Step-by-Step Bicycle Setup</a></p> <p>Comprehensive assembly guide for the Poseidon X Gen 3 bicycle. Learn how to unwrap the frame, install components like handlebars, wheels, pedals, seatpost, and adjust gears and brakes for your new bike.</p>
	<p><a href="#">POSEIDON TTP-PCWF-1 Portable Countertop Water Flosser: Instruction Manual &amp; User Guide</a></p> <p>Detailed instruction manual for the POSEIDON TTP-PCWF-1 Portable Countertop Water Flosser. Covers important safeguards, product features, usage instructions, troubleshooting tips, maintenance, and warranty information from ToiletTree Products.</p>
	<p><a href="#">Poseidon Sand Filter Installation and Operation Manual</a></p> <p>This manual provides comprehensive instructions for the installation, operation, and maintenance of Poseidon swimming pool sand filters manufactured by Hy-Clor. It covers parts identification, assembly steps, multiport valve functions, troubleshooting, and best practices for optimal pool filtration.</p>
	<p><a href="#">Poseidon Product Range 2017 - Diving Equipment Catalog</a></p> <p>Explore the Poseidon Product Range 2017 catalog, featuring high-performance diving equipment including rebreathers, regulators, BCDs, masks, fins, and accessories. Discover innovative technology for recreational and technical diving.</p>