

PEAK

SURGE SURGE

POWER SUPPLY

MANUAL



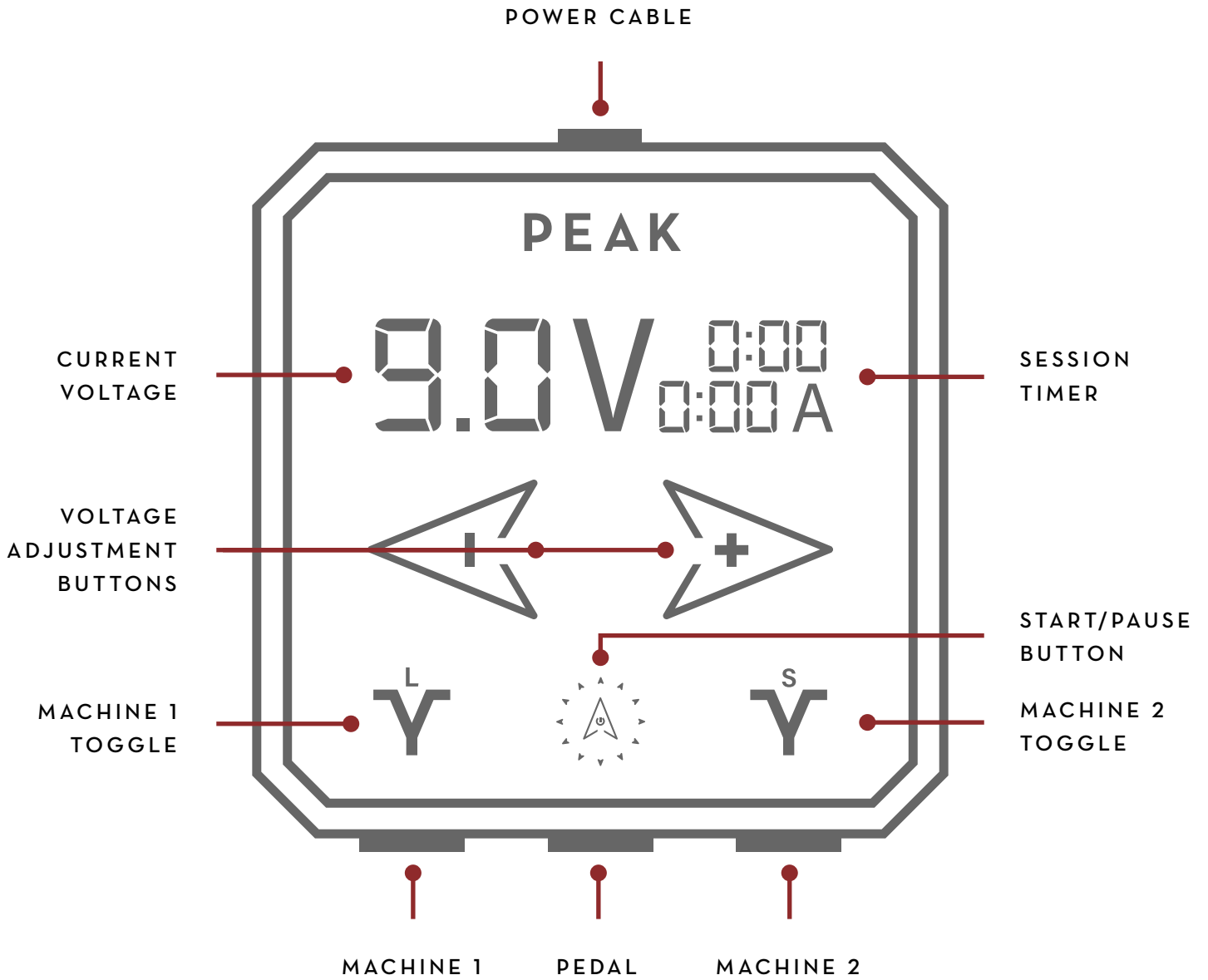
UNLEASH
THE SURGE

This tattoo power supply
delivers limitless power in a
uniquely compact size.



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TECHNICAL SPECIFICATIONS

Dimensions: 3.25" x 3.25" x 1"

Input Voltage: 100v-240v

Output Voltage: 1.5v-18v

Input Current: 3.42A

Peak Current: 4A

Continuous Current: 2A

KEY FEATURES

Durable aluminum body

Works with the Peak Radix footswitch + standard wired footswitches

LED rim lighting; changes color with voltage adjustments

2 RCA inputs; can plug into 2 machines

Jumpstart voltage: 10V in 0.2 seconds

Full TFT color screen

Clear, easy to read interface with session timer

Built-in magnets affix to any ferrous metal surface

Lightweight and compact; ideal for travel



Easy to wrap, protect, and keep clean



CONNECTING TO TATTOO MACHINES

Use an RCA cord to connect your machine to the Surge power supply.

Adjust your voltage using the **- and + arrows** on the touchscreen interface (LED rim lighting will change color with voltage adjustments)

Short press the **start/pause button to start/pause tattooing**. Long press the button to start/pause the timer.

Activate/turn off the **jumpstart feature** by hold the  and  buttons for 2 seconds. A lightning bolt  will appear on your screen.

Tattoo machines operate independently. Select the  or  buttons to **shift between machines**.

Your Peak Surge will power off automatically after 5 minutes of no activity.

PAIRING TO THE RADIX WIRELESS FOOTSWITCH

- 1 Press your Radix footswitch down, then rapid double-press the button on the bottom of your Radix power supply to turn it on. A slow blinking red light will indicate your Radix is ready for pairing.
- 2 Press and hold the **+/- buttons** on your Surge power supply. Wait until the display screen shows “LN.”
- 3 Press your Radix footswitch down and hold the button on the bottom of the footswitch to turn off and complete the pairing.
- 4 When your Radix has successfully paired with your Surge, you will hear a beeping sound. The screen of your Surge power supply will then return to the home screen.
- 5 To turn your Radix footswitch back on, press down and hold the button on the bottom of your Radix.

UNPAIRING THE RADIX WIRELESS FOOTSWITCH

- 1 Make sure your Radix footswitch is on, then press and hold the **+/- buttons** on your Surge power supply. Wait until the display screen shows “AF”
- 2 Press the power button on your Surge. The screen will say “CL.”
- 3 Once unpaired, the screen of your Surge power supply will return to the home screen.

LED COLOR KEY



**3v-4.9v
BLUE-VIOLET**



**5v-6.9v
TEAL**



**7v-8.9v
GREEN**



**9v-10.9v
PINK**



**11v-12.9v
PURPLE**



**13v-14.9v
YELLOW-GREEN**



**15v+
RED**

WARRANTY INFORMATION

If you experience any technical issues or your Peak Surge power supply requires repairs, please contact our customer service team at 410-712-0145. After our customer service team provides you with a return authorization, you can download and fill out our **Peak Repair Order Form**:



Mail your completed repair order form, battery pack, and invoice as proof of purchase to 7410 Coca Cola Dr STE 108, Hanover, MD 21076. You can also direct any questions or concerns regarding issues with your Peak Surge power supply to **info@peakneedles.com**.

If you purchased your Surge less than a year ago, we will replace it with a brand new model. If your item is older than a year, it is unfortunately no longer protected under our one-year warranty.