PEAK

SURGE

POWER SUPPLY

MANUAL

UNLEASH THE SURGE

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

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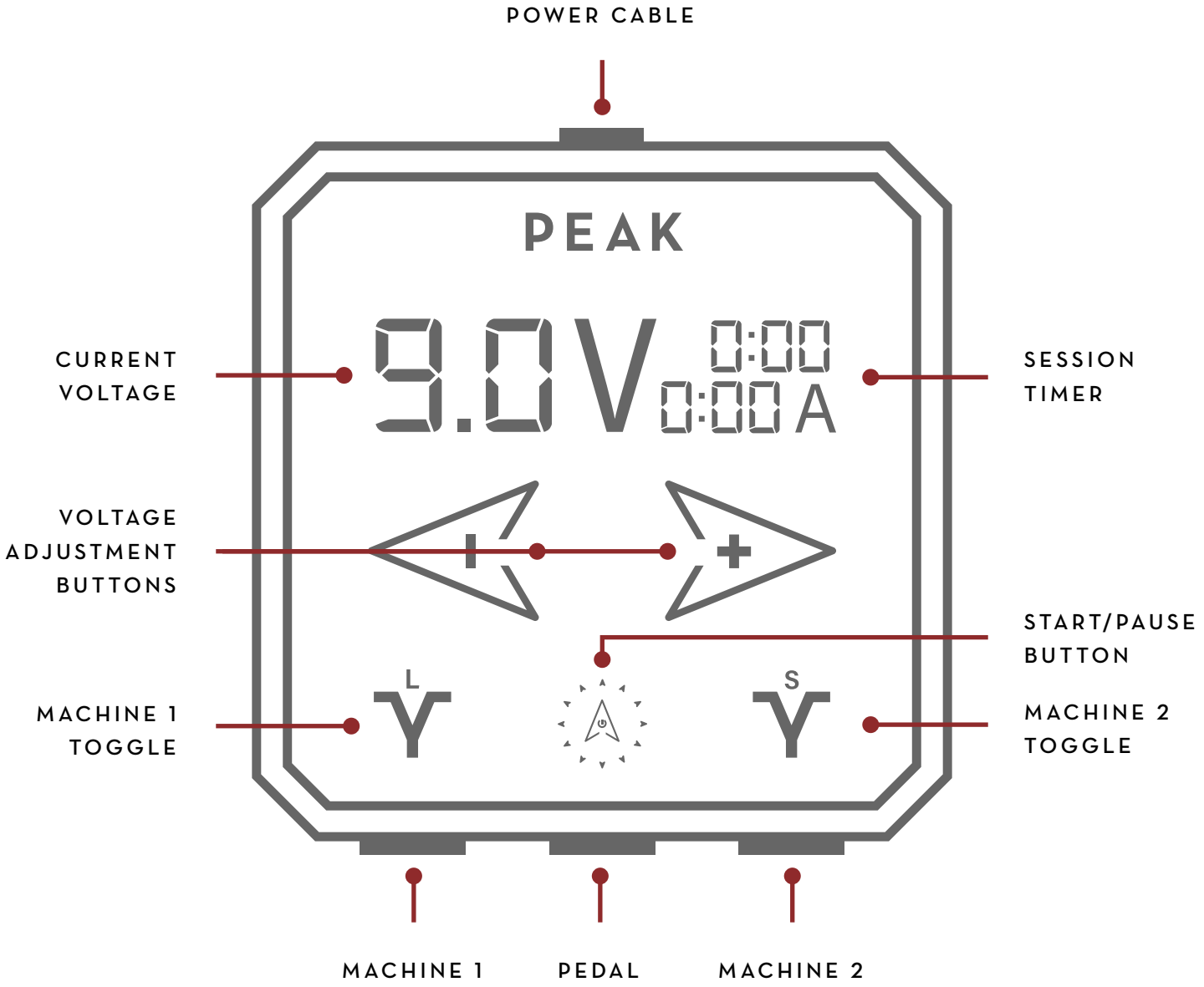
POWER CABLE
PEAK
9.0V
0:00
0:00A
CURRENT VOLTAGE
SESSION TIMER
VOLTAGE ADJUSTMENT BUTTONS
START/PAUSE BUTTON
MACHINE 1 TOGGLE
MACHINE 2 TOGGLE
L
S
MACHINE 1
PEDAL
MACHINE 2

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

1. **To connect your machine** to the Surge power supply, use an RCA cord
2. **Adjust your voltage** using the - and + arrows on the touchscreen interface (LED rim lighting will change color with voltage adjustments)
3. **To start/pause tattooing**, short press the start/pause button. **To start the session timer**, once your machine is running, long press the button. *Note: After you hear a beep, it will take 60 seconds for the session timer to start.*
4. **To activate/turn off the jumpstart feature**, hold the L and S buttons for 2 seconds. A ⚡ icon will appear on your screen.

   Tattoo machines operate independently. Select the L or S 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 down on the top of your Radix footswitch, then quickly double-press the button on the bottom of the footswitch to turn it on. A **slow blinking red light** on the top of your Radix will indicate your footswitch is ready for pairing.
2. Press and hold the **+/- buttons** on your Surge power supply. Wait until the display screen on the power supply shows "**RF**."
3. Press down on the top of your Radix, then single-press the button on the bottom of the footswitch. A **rapid blinking red light** will appear on the top of your Radix footswitch. The display screen of your Surge power supply will say "**LN**."
4. Wait for the rapid blinking light on the top of your Radix footswitch to turn off. When pairing is complete, your Surge power supply will return to the home screen.
5. Press down and hold the button on the bottom of your Radix footswitch to turn it back on.

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 "**RF**"
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.