

## HEXKO POWER SUPPLY MANUAL

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### Thank you for purchasing through HEXKO.

HEXKO Power supply was made to insure stability and accurate voltage to all users. It's sole purpose is to create a precise and ease-to-use interface with exceptional touch response for all users. HEXKO Electronics are currently working hard to make other exceptional products which will be out in the near future. Thank you again.

- HEXKO Electronics Team

# HEXKO POWER SUPPLY MANUAL

## 1. Home Screen



No.	Purpose	Description																			
① PRESET Number	Display of the Preset	<ul style="list-style-type: none"> <li>Shows the selected PRESET on the screen</li> <li>When pressed, the next PRESET will appear.</li> </ul>																			
② Time of Day	Display of the Time	<ul style="list-style-type: none"> <li>Time of when the power supply is turned on.</li> <li>When connected to a smartphone/tablet, the time will automatically set to the phone/tablet's time.</li> </ul>																			
③ Screen Name	Display of the Screen Name	<ul style="list-style-type: none"> <li>User may change the screen name (The screen name does not affect the name of the power supply when connecting to bluetooth).</li> </ul>																			
④ Jump Start	Jump Start On/Off application	<ul style="list-style-type: none"> <li>Jump Start On/Off touch button (Please see page 3 for further instructions)</li> </ul>																			
⑤ Displays	Display of Hz, Voltage, Watts, Amp, Duty Cycle and Temperature read outs.	<table border="1"> <tr> <td>F(Hz)</td><td>Speed of the machine. *NOTE* Does not read rotary machines.</td></tr> <tr> <td>D(%)</td><td>Duty Cycle Read out *NOTE* only applies to COIL Machines · Rotary Machine's Duty Cycle is 100%</td></tr> <tr> <td>V(V)</td><td>Real Voltage Read out</td></tr> <tr> <td>I(A)</td><td>Real Amperage Read out</td></tr> <tr> <td>P(W)</td><td>Real Wattage Read out</td></tr> <tr> <td>Temp.</td><td>Temperature Monitor</td></tr> <tr> <td>Green</td><td>TEMPERATURE</td></tr> <tr> <td>Amber</td><td>TEMPERATURE</td></tr> <tr> <td>Red</td><td>TEMPERATURE</td></tr> </table>	F(Hz)	Speed of the machine. *NOTE* Does not read rotary machines.	D(%)	Duty Cycle Read out *NOTE* only applies to COIL Machines · Rotary Machine's Duty Cycle is 100%	V(V)	Real Voltage Read out	I(A)	Real Amperage Read out	P(W)	Real Wattage Read out	Temp.	Temperature Monitor	Green	TEMPERATURE	Amber	TEMPERATURE	Red	TEMPERATURE	<ul style="list-style-type: none"> <li>Allows user to see the connection of the bluetooth with the application</li> </ul>
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⑥ Bluetooth	Display of Bluetooth connection.	<table border="1"> <tr> <td>Disconnect</td><td></td></tr> <tr> <td>Connect</td><td></td></tr> </table>	Disconnect		Connect																
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⑦ Setting/Memory/Timer/Bluetooth	Keypads for each screen	<ul style="list-style-type: none"> <li>Allows user to go to each screen as shown when pressed.</li> </ul>																			

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## - Home Button

Purpose	Image	Description
Takes User to the Home Screen		<ul style="list-style-type: none"> <li>When the user presses the Home button, the system will go to screen saver mode. When the user presses the Home button for 3 seconds the system will reset, even during the screen saver mode.</li> </ul>

## - Voltage Adjustments

Purpose	Image	Description
Voltage Boost down (Boost can be controlled in the settings)		
Voltage down(-0.1V)		<ul style="list-style-type: none"> <li>Voltage control</li> <li>Able to adjust a Minimum 1.2V ~ Maximum 17.0V.</li> </ul>
Voltage up(+0.1V)		<ul style="list-style-type: none"> <li>When pressing and holding each voltage button, it can continuously increase or decrease.</li> </ul>
Voltage Boost down (Boost can be controlled in the settings)		

## - JUMP START OFF / JUMP START ON

Purpose	Image
OFF	
ON	
<ul style="list-style-type: none"> <li>By pressing the displayed voltage on the screen, it enables the Jump Start Mode (12v) On and Off.</li> </ul>	

## - Maintained Mode / Momentary Mode

Purpose	Image	Description
Displays Maintained Mode		<ul style="list-style-type: none"> <li>Display will change by pressing the button once.</li> </ul>
Displays Momentary Mode		<ul style="list-style-type: none"> <li>This applies only when the foot pedal is plugged in.</li> </ul>

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## - Foot Switch

Purpose	Image	Description
Pedal Override ON		<ul style="list-style-type: none"> <li>● During On Mode, the displays of the voltage, speed, amp, etc. will appear only when the cord is plugged in.</li> </ul>
Pedal Override OFF		<ul style="list-style-type: none"> <li>● When the power supply is turned off and back on, it will return to the voltage it was last used.</li> </ul>

## - Machine Plug Connectivity

Purpose	Image	Description
Plug Disconnected		<ul style="list-style-type: none"> <li>● Displays red when the machine plug is disconnected and blue when connected.</li> </ul>
Plug Connected		

## - Machine Type

Purpose	Image	Description
Coil Machine Connected		<ul style="list-style-type: none"> <li>● Displays the type of machine connected.</li> </ul>
Rotary Machine Connected		<ul style="list-style-type: none"> <li>● The voltage, speed, amp etc. will not appear on the display when the rotary is connected.</li> </ul>

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## 2. Settings

- Press the "Setting" button on the Home Screen.



No.	Purpose	Description
① Screen Saver	Screen Saver time setting	<ul style="list-style-type: none"> <li>During Screen Saver mode, no voltage is being used.</li> <li>Can be set to 1 through 10 minutes</li> <li>∞ :</li> </ul>
② Voltage Boost	Voltage Boost setting	<ul style="list-style-type: none"> <li>On the Home Screen -- and ++ buttons allows the increase and decrease of the boost voltage</li> <li>Can be set only by 0.2V to 1.5V</li> </ul>
③ Brightness	Brightness setting	<ul style="list-style-type: none"> <li>User may change the LCD's Screen Brightness.</li> </ul>
④ Contrast	Contrast setting	<ul style="list-style-type: none"> <li>User may change the LCD's Screen Contrast.</li> </ul>
⑥ Mute	Mute button	<ul style="list-style-type: none"> <li>Allows user to enable or disable the foot switch/foot pedal sound.</li> <li>*Does not mute the timer bell*</li> </ul>

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## 3. Memory Screen

- Press the "MEMORY" button on the Home Screen.



No.	Purpose	Description
① M1 ~ M8	8 Different PRESET Settings.	<ul style="list-style-type: none"> <li>Allows user to easily access preferred PRESET.</li> <li>User may change the name of the PRESET only in the application of the smart phone/tablet and can only be up to 8 characters. (Alphabets and Numbers)</li> </ul>
② PRESET Voltage configuration	Changes the voltage of the PRESET	 <ul style="list-style-type: none"> <li>Allows user to increase and decrease the voltage on each PRESET. - for decrease and + for increase.</li> <li>The PRESET is auto-saved once the user goes back to the Home Screen.</li> <li><b>*WARNING*</b> During the changes of the PRESETS, be sure NOT to activate the foot pedal. This may cause damage to the machine.</li> </ul>

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## 4. Timer Screen

- Press the "MEMORY" button on the Home Screen.



No.	Purpose	Description
① RUN time On/Off	Run Time On/Off Setting	<ul style="list-style-type: none"><li>· Run Time On/Off Setting (Please see page 8 for further instructions).</li></ul>
② RESET	RESET the timer	<ul style="list-style-type: none"><li>· Resetting the timer back to 0:00:00</li></ul>
③ 1 Hour	Setting the timer by an hour.	<ul style="list-style-type: none"><li>· Adding an hour each on the timer.</li></ul>
④ 10 Min	Setting the timer by 10 minutes.	<ul style="list-style-type: none"><li>· Adding 10 minutes each on the timer.</li></ul>
⑤ 1 Min	Setting the timer by 1 minute.	<ul style="list-style-type: none"><li>· Adding 1 minute each on the timer.</li></ul>
⑥ Play	Start/Stop	<ul style="list-style-type: none"><li>· To Start and Stop the timer.</li><li>· When the timer is at 0:00:00 it is basically a stopwatch counting up.</li><li>· While the timer is counting up or down, user can not add time to the timer.</li><li>· When the count down is complete, an alarm will go off.</li></ul>

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## - Run Time ON / Run Time OFF

Purpose	Image
OFF	 RUNTIME OFF
ON	 RUNTIME ON

● When the Run Time OFF is in on,   press these buttons manually to start and stop the timer.

● When the Run Time ON is on, press the  button and the timer will only be stopped and started with a foot pedal unless the user presses the  button.

\*This allows user to see the actual time of use of the machine\*

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## 5. Bluetooth Screen

- Press the "Bluetooth" button on the Home Screen.



No.	Purpose	Description
① ON	Bluetooth ON	<ul style="list-style-type: none"><li>Allows user to connect with desired smartphone/tablet.</li></ul>
② OFF	Bluetooth OFF	<ul style="list-style-type: none"><li>To disconnect with smartphone/tablet.</li></ul>
③ No Signal	Connection	<ul style="list-style-type: none"><li>Shows used that there is no connection.</li></ul>

- Bluetooth Connectivity

Purpose	Image	Description
Bluetooth disconnected		<ul style="list-style-type: none"><li>When the bluetooth is connected with the smartphone/tablet, "Connected" will appear on the display.</li></ul>
Bluetooth Connected		

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## WARRANTY

HEXKO provides a one year warranty from the original date of purchase.

The warranty will NOT cover any damages caused by abuse, negligence, natural disaster, unauthorized modifications and disassociation. The power cord and adapter is NOT part of the warranty.

If the power supply becomes defective during the one year warranty, HEXKO will have the final decision to provide a new device or repair the defected part.

HEXKO will not be held liable for any special, indirect, incidental loss, or any economical loss of any kind in which HEXKO could foresee. HEXKO will not be liable for more than the amount of the purchase price. Return shipping costs is NOT covered by the warranty.

By using this product from HEXKO, the user agrees to all terms mentioned above. For more information please contact HEXKO at [info@hexko.com](mailto:info@hexko.com).

## FCC Certification Requirements

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.