

NATURAL GEMSTONE  
HEAT THERAPY

HealthLine offers the world's widest range of affordable, high-quality far-infrared gemstone heated mats.

PLATINUM  
SERIES

ADVANCED  
CONTROLLER  
INSTRUCTION MANUAL

**ADVANCED PEMF**

With programmable features:

- ▶ **Waveform** (Sine, Square)
- ▶ **Frequency** (1 to 25Hz with 7.83 Hz default)
- ▶ **Pulse duration** (medium, fast, ultra-fast)
- ▶ **Intensity** (10% to 100% of 3000 milligauss)
- ▶ **Time** (20 min, 1 hr)

**Billions of PEMF combinations!**



# Platinum Series CONTROLLER

**i** This is a complex device, please read thoroughly

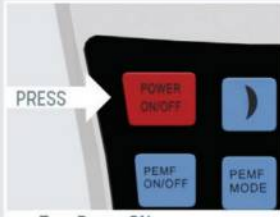
## 1 POWER ON



1 Connect Controller to the Mat



2 Use Surge Protector

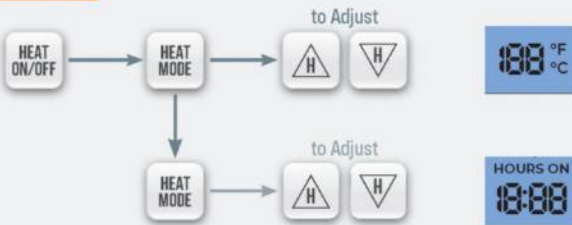


3 Turn Power ON

### **i** Information

The controller backlight will automatically turn off if the controller is not touched for more than 2 minutes.  
The Controller automatically shuts down if it is not touched for more than 12 hours.

## 2 HEAT SETTINGS



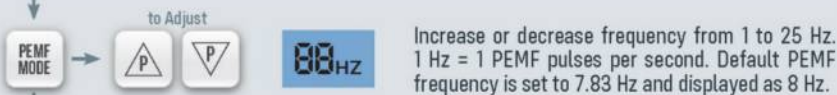
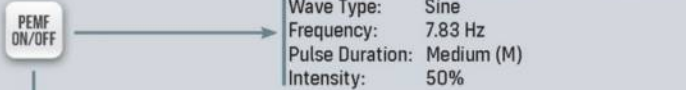
### **i** Information

Actual Temperature is measured at the Core.  
Please allow up to 40 minutes for the surface to reach the maximum temp.

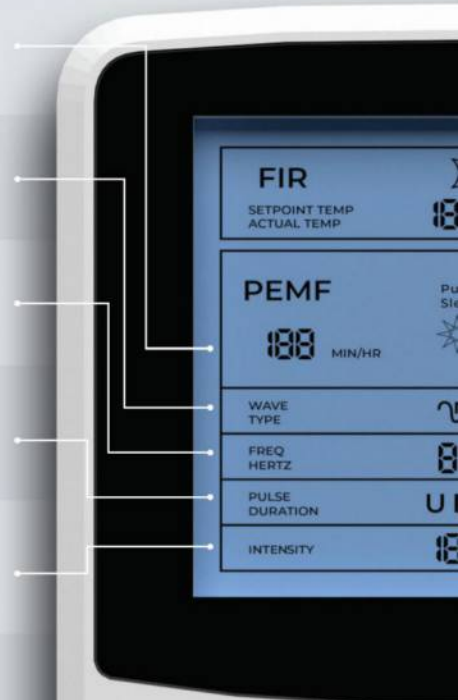
HOLD **HEAT MODE** until you hear a BEEP to switch between °F and °C

## 4 CHANGEABLE PEMF MODE

**i** For terms and definitions see page 4



PE  
Pulsed Electro-



- POWER ON/OFF
- SLEEP Cycle
- PEMF ON/OFF
- PEMF Mode change
- HEAT ON/OFF
- HEAT Mode change
- Advanced PEMF Programming
- PHOTON Light ON/OFF
- Decrease PEMF Settings
- Increase PEMF Settings
- Decrease HEAT Settings
- Increase HEAT Settings

Preset PEMF Programs

Table 1 - Factory preset PEMF functions description

Program Button	Program Type	Default Frequencies, in ABCD, Hz
F1	Low Frequencies	1, 3, 4, 6
F2	Medium Low Frequencies	7, 8, 10, 12
F3	Medium Frequencies	14, 15, 17, 18
F4	High Frequencies	19, 21, 23, 25
F5	Before Sleep	5, 4, 3, 2
F6	Pain Assist	15, 16, 19, 20
F7	Sports Injury & Strain Assist	24, 24, 25, 25
F8	General Regeneration	7.83, 7.83, 10, 10
F9	Earth Frequencies	7.83, 14, 21, 25
F10	Wake Up/Energy	7.83, 10, 11, 12
F11	Energize	Sequence: F10, F8, F6
F12	Relaxation	Sequence: F9, F8, F5

### 3 PHOTON SETTINGS



#### Information

Photon lights turn OFF automatically after 1 hour. Photon lights can be turned ON again at any time. Lights operate with or without heat. Intensity of photon light is 2.5 mW/ cm<sup>2</sup>. Wavelength of photon light is 660 nm

### 5 PREPROGRAMMED PEMF FUNCTIONS

## PEMF - Magnetic Field



PEMF settings of the active program will be displayed on the screen.



Negative Ion icon is lit when the heat is on.



"Pulse" displayed when PEMF is active. "Sleep" displayed when PEMF is non-active during 100 min OFF time.



Flashing arrow indicates active programs A, B, C or D.

#### Information

Each preprogrammed PEMF function F1-F10 consists of 4 programs (ABCD). Each ABCD program is 5 min long and has a unique combination of PEMF Wave Type, Frequency, Pulse duration, and Intensity.

PEMF function can be changed at any time by pressing different F-button. Active ABCD program will restart according to the chosen Function.

Functions F1 - F10 can be customized or reset to the factory settings at any time (see page 4).



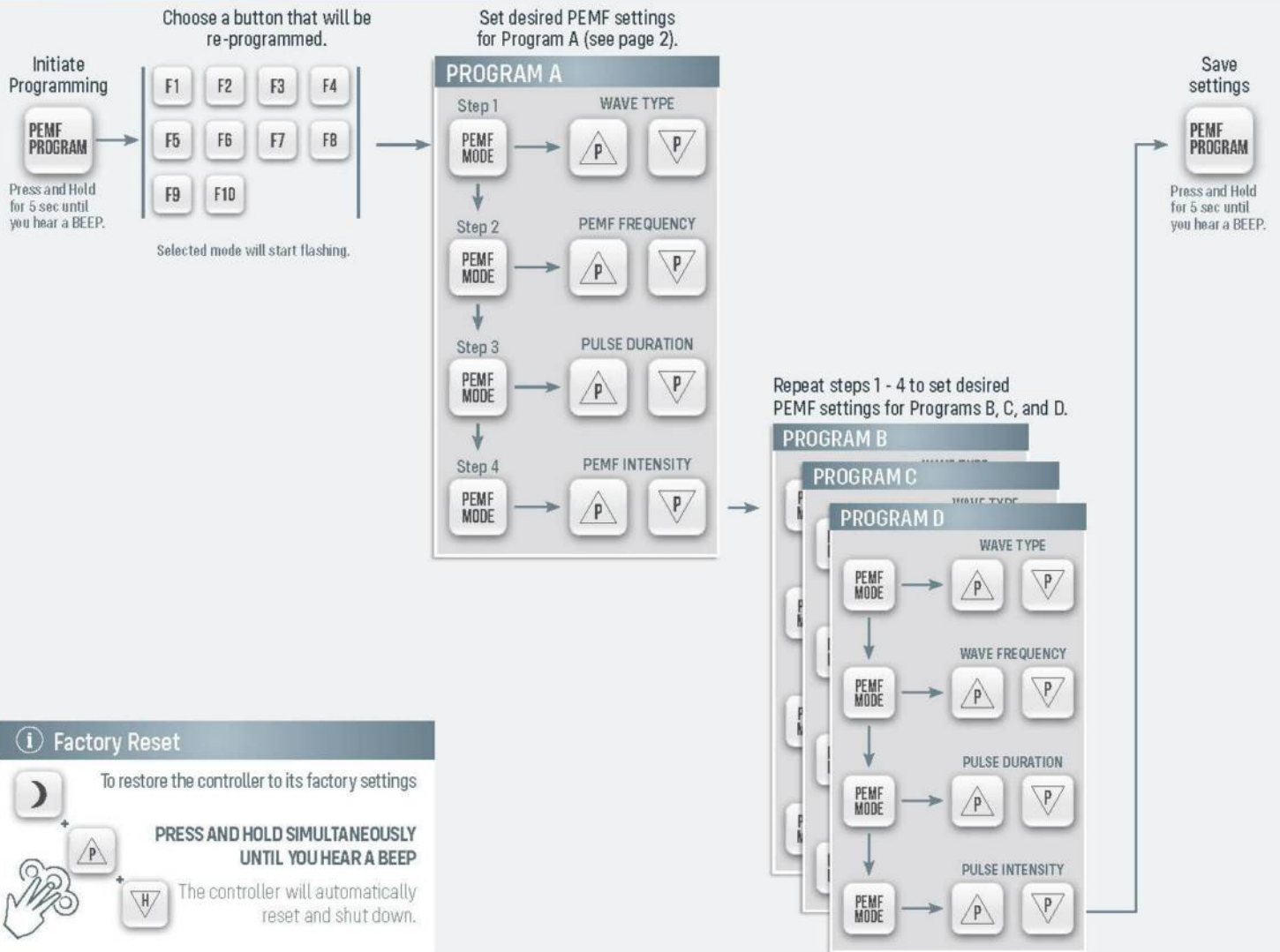
Functions will run in sequence: F10 - F8 - F6 (see Table 1). Controller will shut off after 1 hour. The program is not customizable.



Functions will run in sequence, F9 - F8 - F5 (see Table 1). Controller will shut off after 1 hour. The program is not customizable.

## ⑥ PEMF | PROGRAMMING MODE

For those who want to use an Advanced PEMF Mode with a **Precise Customization**.



### ⓘ Factory Reset



## TERMS and DEFINITIONS

**PEMF Pulse** - A short burst of an electromagnetic wave.

**PEMF Wave** - Oscillation (disturbance) that travels through space and matter, transporting energy from one place to another.

**Wave Type** (Sine, Square) - The shape of pulses in an electromagnetic wave. In PEMF this can be Sine, Square or other types, such as sawtooth.

**Frequency** (Hertz, Hz) - The number of individual PEMF Pulses per second. 1 Hz = 1 PEMF pulses per second.

**Pulse Duration** - The time from the start of a PEMF pulse, to the end of that PEMF pulse. This is also referred to as "Pulse Width".

**PEMF Intensity** (Gauss, G) - The measured level of the PEMF magnetic flux density. The unit of measurement is Gauss. 1 Gauss = 1000 milligauss = 0.0001 Tesla.

**PEMF Functions** (F1-F12) - Factory preprogrammed PEMF functions. Each of the 12 functions consists of 4 programs (ABCD). Each ABCD program has its own PEMF settings (PEMF Time, Wave Type, Frequency, Pulse duration, and Intensity).

## ⚠ WARNINGS

Do not use PEMF or high heat settings while pregnant.  
Do not use PEMF or high heat settings if you have metal implants or a pacemaker.

Do not use if you have varicose veins.  
Do not use with muscle relaxants.  
Please consult with your doctor if you have any serious medical condition before using this or any medical device.