Operation of High Powered PEMF

Using the High Powered PEMF couldn't be easier. Simply plug in your Coil at the AC pigtail or AC female receptacle end and plug the line cord into a 110-120 volt AC mains source. Turn the power switch on and you are ready to run.

There are three controls on top of the box. The Runtime control labeled 'T' for Time is closest to the on/off switch side of the PEMF. When turned completely counter clockwise it is set to the minimum runtime setting of 1 minute. Runtime is incremented by rotation in a clockwise direction. There is a chart taped on the top of the PEMF defining six (6) runtime settings. Adjust accordingly to your needs.

The other control labeled 'S' for Speed is closest to the large capacitor on the PEMF. When turned completely counter clockwise it is set to a RANDOM speed setting of 2 to 5 hertz. Speed is selected by rotation in a clockwise direction. There is a chart taped on the top of the PEMF defining six (6) speed settings. Adjust accordingly to your needs.

The single button on the top of the PEMF is a start/stop button. By simply pressing the button the PEMF will start running at whatever the dialed in settings are turned to. Pressing the button a 2nd time will terminate the run and reset the MPU (Micro-Processing-Unit) to its starting parameters for another run. It can be readily seen the button will act as an on/off toggle.

The latest version of the software has been updated with a RANDOM hertz setting to minimize the potential for habituation. The PEMF unit when set to position 1, fully counter clockwise, will automatically and randomly change the frequency ranging from 2 to 5 hertz. The rest of the Speed Setting Options are position 2 = 1 hertz, position 3 = 2 hertz, position 4 = 3 hertz, position 5 = 4 hertz and position 6 = 5 hertz.

There is no setting to adjust the magnetic field dosage. Speed Settings mixed with various Time Settings are used to control the exposure to the magnetic flux generated by an attached coil. The High Powered PEMF must be attached to a significantly high gauge wire coil with a total resistance ranging from .5 to 2 ohms. A coil must be connected to have a complete PEMF assembly unit. See AURORASKY's coil selection should you decide to not make your own.

The LED flashes at the runtime Speed setting. The LED will also go solid 'on' if the PEMF hits a thermal shutdown level. Simply allow some time for the PEMF to cool down and then restart the unit. The LED will begin flashing at the runtime speed setting again. The latest design version should run all speed settings minimally for 20 minutes without hitting the thermal shut down limit. All units have been tested to run a full 30 minutes from a cold start at 5 hertz.

Running back to back 5 hertz for long time durations could potentially cause a shut down. A more important consideration is how hot your coil will get doing back to back runs without allowing for a cool down period.

DO NOT put the coil near magnetic recording media. Keep your computer away from the coil. DO NOT PUT ANY ELECTRONIC DEVICE NEAR THE COIL. A suggested distance of 5 feet should be a safe enough distance. Remember this unit is relatively High Powered. It is at least 10 to 100 times more powerful than the Bob Beck Style PEMF.

Steve