

Bifilar MAGnetic to Scalar Switch

This switch was primarily designed to facilitate switching the Bifilar MAGnetic Coil from magnetic mode to scalar mode while connected to a two channel function generator running in Spooky Boost mode. Although the Bifilar MAGnetic Coil will run without a Spooky Boost, it was determined that the boost mode provides a stronger magnetic and scalar wave.

An explanation for those that are not using a Spooky2 function generator follows; The Spooky2 is a two channel function generator where channel 1 and channel 2 can be added together with a cable called the Spooky Boost, or an attaching circuit board that provides the same addition function as the Spooky Boost cable. Most two channel function generators provide a sync function that allows for combining the two output signals from the generator to create a single output signal with twice the amplitude of what a single channel alone could provide. Of course this is provided both channels are set to the same frequency and amplitude with one of the channels in an invert-sync mode.

The switch is a very convenient method of providing a simple plug and go, magnetic to scalar switching function.

The toggle switch on the side of the enclosure has three position settings.

FORWARD, pointing toward the Red and Black connection poles, places the switch in magnetic mode.

CENTER, is the off position and the connection to Bifilar MAGnetic Coil is electrically disconnected from the function generator.

BACKWARDS, pointing away from the Red & Black connection poles, places the switch in scalar mode.

NOTE: The red and black connection poles provide a way of using the switch with a function generator amplifier or a device like the Frequency Converter. It allows for a means to add additional resistance to the circuit to act as a current limiting control for an amplifying device. For normal operation with a Spooky2 or most other functions generators, the poles are connected together with a jumper wire.

More information, a video, and a schematic of the 'Bifilar MAGnetic to Scalar Switch' can be found on the http://www.aurorasky.net/html/bifilar_mag_coil.html project page. For additional information please feel free to contact the author at contact_1@aurorasky.net.