

# Introduction to Kelly Radionic Antennas

Few components of the radionic instrument are more mysterious to the new user than the rub plate, that shining mirror of black acrylic across which we brush our fingertips while searching for the "stick". With its peculiar and sometimes elusive reactions and Ouija board-like ability to answer our questions, these reaction plate/antennas are often the most misunderstood elements of a radionic system.

## Kelly Radionic Instruments are Radios

Our radionic instruments utilize a series of coils and capacitors to capture, tune, and grow the tiny bioelectrical fields emitted by all things into a signal strong enough to be recognized and interpreted by the trained operator as an electrostatic response on the surface of a reaction plate/antenna. Banks of the same variable plate capacitors used in almost all pre-digital radio receivers provide the ability to tune the instrument to settings known to resonate with specific bioelectrical fields and allow discovery of new settings specific to that sample, time, and location. In these ways, Kelly radionic instruments are radio receivers that allow us to spontaneously capture and analyze information

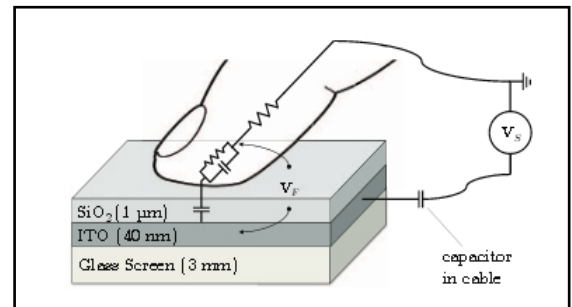


about the energetic strengths of materials and organisms, using no electrical power. With the application of external power, Kelly radionic instruments can also operate in a broadcast mode. In this case the signal developed through passive resonance by the instrument is passed through a solid-state amplifier and dispatched to a bifilar coil antenna that converts the normal longitudinal waveform into a transverse or "scalar" waveform, a directionless wave whose energy and frequency information can reach any location on the planet to resonate/add or deharmonize/remove energy from the organism identified by the witness or sample.

## Kelly Radionic Antennas are Electrostatic Reaction Plates

The primary antenna of a Kelly radionic instrument serves two purposes. The first is to provide the feedback mechanism that allows the operator to assess the strengths of the energetic fields of the samples and combinations of samples being studied. This is done by rubbing the fingertips across the surface of an insulated reaction plate that is positioned directly above a bifilar coil antenna while also operating a rheostat on the instrument. A resonance point is created when the sum of all signals being produced or captured by the radionic instrument is equal to the resistance being measured on the rheostat. The resulting change in electrostatic attraction on the surface of the insulated reaction plate delivers a tactile response to the operator – the "stick".

Engineers at Northwestern University are harnessing the same haptic technology to create the next generation of virtual reality computer environments, where computer controlled changes



Finger-surface interface schematic for haptic device designed at Northwestern U.

in signal strength to a reaction plate creates a perceived change in texture under the fingertips of game players. Because the touch of a fingertip also generates an electrostatic reaction, the exact same principles of haptic technology are responsible for the recent revolution in touchscreen smartphones and computer monitors.

However, an important distinction between the 21st century touchscreen technology of today and the 1930's radio technology utilized in Kelly radionic instruments is the fact that the instruments generate detectable electrostatic reactions on the reaction plates with zero external electrical power or powered amplification. Instead, the coils and plate capacitors in these instruments resonate spontaneously when tuned to the same frequencies found in the bioelectrical fields of those objects in the sample well.

It is interesting to note that while the mechanism of the electrostatic response was not identified by scientists and engineers until publication of the article *Perception of electrically induced vibrations* by E. Mallinckrodt in the journal *Science* in September of 1953, the actual phenomena was described four years earlier by T. Galen Hieronymus in his October 1949 patent – the only patent issued by the U.S. government for a radionic instrument.

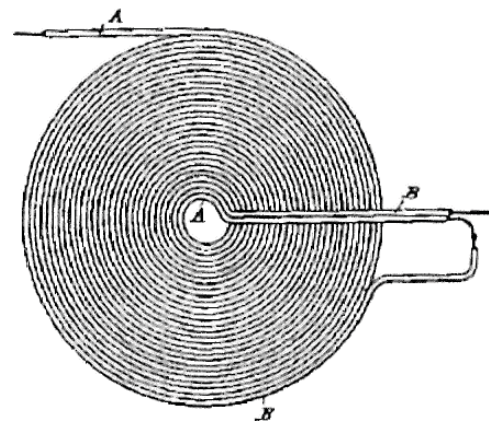
**Kelly Radionic Antennas are Bifilar Antennas**

The second function of the radionic antenna is to broadcast the output signal back to the plants or organisms we seek to impact. With the application of power to an internal solid-state amplifier, Kelly radionic instruments can also operate in a broadcast mode that allows resonance of the bioelectrical fields of organisms or parts of organisms at locations of any distance through the use of the bifilar coil antenna located underneath the reaction plate.

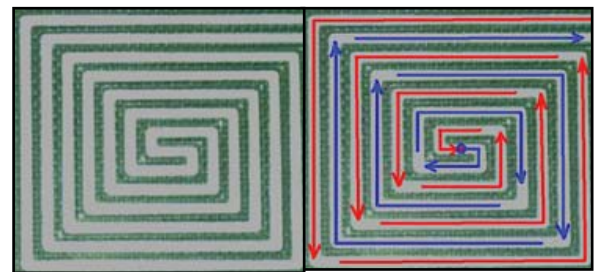
Kelly radionic antennas are all variations on the bifilar coil first patented in 1894 by Nikola Tesla for use in electrical transformers. Unlike an ordinary single conductor antenna that produces a longitudinal waveform, bifilar coil antennas have two conductor paths whose spirals are wound one within the other or looped side by side and then tied together at the center. As the electrical impulses move through the wires, each radiates a magnetic field that in turn rotates around that wire in the direction specific to the flow. Many readers will remember the "right hand rule" from Physics class, in which students hold up the right hand and make the classic "thumbs up" gesture. In this pose the thumb always points in the direction of signal flow and the curled fingers show the direction of rotation of the magnetic field emitted by the wire.

A yet further aim of this invention is to provide an instrument having a reaction device, the surface whereof is affected by the introduction of radiations thereto, in such a manner that the surface of the device will have its ability to resist movement of articles over its face changed when energy flows through the apparatus, of which the reaction device is a part.

*Hieronymus Instrument*  
U.S. Patent #2,482,773 - 1949



*Tesla's Original Bifilar Coil*  
U. S. Patent 512,340 - 1894

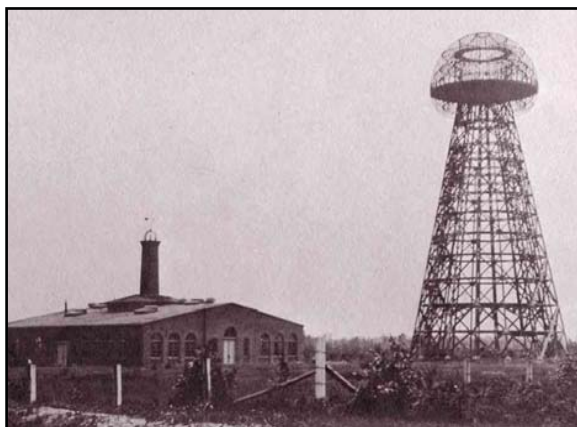


Not one spiral, but two! Follow red arrows to the center and return via blue to see signal/energy flow spun inward and outward concurrently.

On a bifilar coil antenna, the dual wires or conductor paths are placed so close together that the magnetic fields cancel one another out. This leaves only the energy component, which is being broadcast at whatever frequency is set on the tuning banks of the instrument. Because the scalar waveform has no external direction, this wave has also been described as a "zero point" and a "free energy pump" wave.

How is it possible that this directionless wave can reach any point on the planet? Up to this point there has been no definitive, proven answer. The New York Times published the following statement by Tesla in 1904, which clearly suggests he felt that the phenomenon is terrestrial in nature – a factor of planetary geology and atmospheric conditions. This was published at the time as construction of the famous tower at Wardenclyffe, New York, which was 180 feet tall and rumored to extend that far or more into the earth.

"When the great truth, accidentally revealed and experimentally confirmed, is fully recognized, that this planet, with all its appalling immensity, is to electric currents virtually no more than a small metal ball and that by virtue of this fact many possibilities, each baffling imagination and of incalculable consequence, are rendered absolutely sure of accomplishment; when the first plant is inaugurated and it is shown that a telegraphic message, almost as secret and non-interferable as a thought, can be transmitted to any terrestrial distance, the sound of the human voice, with all its intonations and inflections faithfully and instantly reproduced at any other point of the globe, the energy of a waterfall made available for supplying light, heat or motive power, anywhere--on sea, or land, or high in the air--humanity will be like an antheap stirred up with a stick. See the excitement coming!"



*Tesla's Wardenclyffe Tower on Long Island*

However, the physicist Tom Bearden has written extensively on the possibility that the bifilar coil's special ability is not to reach through the globe, but instead to reach through the dimensions that we perceive as reality back to a realm of limitless universal energy – a virtual particle flux that fuels the heart of every atom. In this mode, the signal is presumed to be able to reach any distance because everything on the planet is plugged into the same energetic dimension. An analogy would be that even though a California surfer is 6,500 miles away from a fisherman in Shanghai, both of these people are in direct contact because they have their feet in the same ocean. This idea has been supported by recent advancements in String Theory, which states that the universe is composed of at least 11 and maybe as many as 22 dimensions of reality, of which we can only perceive only three.

At KRT, it is our belief that the unique qualities of the scalar wave are energetic in nature. Consider that *every* esoteric modality ascribes specific rotational qualities to energy. Whether it is the energy flowing into a chakra or out of a planetary vortex, the direction of rotation determines whether the energy is entering or departing that system. We believe the Kelly bifilar coil antennas place the amplified signal in a state of clockwise and counterclockwise rotation within the same physical space – interlocking vortexes that are simultaneously pumping energy into *and* out of the physical realm creating a portal back to the energetic universe.



Of course, the most profound resonance is taking place at the energetic level in the operator – the body’s natural energetic field interacting directly with the field captured or produced by the instrument. Everyone is encouraged to develop their radionic talents by practicing to stretch out with their other senses, remaining fully aware of all sensations while fingers move on the reaction plate. The “stick” has also been heard as a tone, seen as a sparkling pattern, or felt as a tingling in another part of the body by researchers over the years. Greater awareness and sensitivity to the energetic realm will improve accuracy, effectiveness and the ability to manifest the changes we desire.



## Kelly Antenna Designs

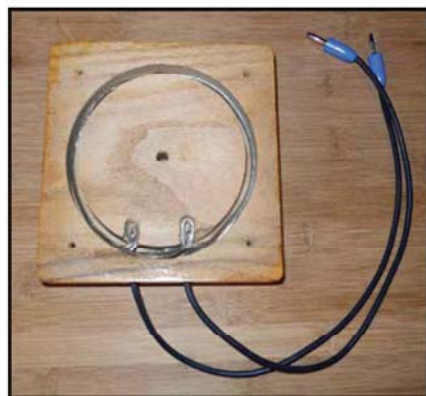
Kelly radionic instruments utilize three types of bifilar coil antennas.

### 1. Classic Rub Plate (1978 – Present)

For 35 years the Kelly Personal Instrument has come equipped with this simple but effective moebius loop coil antenna. Signal information is delivered to the antenna via the blue tipped leads, which are cross-wired to deliver the signal to both sides of a two-conductor copper speaker wire at the same time. The loop of speaker wire has a half twist at the “twelve o’clock” position in the photo shown below that flips the orientation of the speaker wire in the groove in the oak block such that whichever wire was in the outer position is moved to the inner position and vice versa.



*Mk 2 Personal Instrument with Classic Rub Plate*



*Classic Rub Plate w/ Acrylic Reaction Plate Removed*



*Two Conductor Wire*



*Moebius Connection*

Its important to note that the clear vinyl plastic that surrounds the two speaker wires also keeps them both perfectly joined and also perfectly insulated from one another. This marriage provides the immediate physical proximity necessary for this moebius loop to function as a scalar bifilar antenna. The winding and unwinding of information has to take place in closely overlapping physical spaces if the fields produced by each of these wires are going to cancel out and produce the scalar wave.

## 2. Spool Style Bifilar Antenna (1984 – Present)

The spool style bifilar antenna was introduced in 1984 with the launch of the Mk 2 Large Agricultural Workstation. Under the reaction plate this instrument utilized a moebius loop coil antenna identical to those found in the Classic Rub Plate to create the electrostatic reaction for the operator. However, this was the first Workstation to also carry a secondary antenna whose only job was to increase broadcast power – a spool style antenna that has ranged from five to eight inches in diameter.

These antenna are created by separating two disks of identically sized insulating material (either phenolic resin or acrylic plastic) with a spacer in between just wide enough to tightly wind the same two-conductor copper speaker wire used in the Classic Rub Plate. In this case the spool is wound tightly from the center to the outside taking care to prevent any twists from being introduced to the two conductors. A pigtail at the center is soldered together to complete the circuit between the two signal pathways. As in the Classic Rub Plate, the side-by-side construction of the two conductor speaker wire provides flawless proximity of the two wires for maximum field cancellation for creation of a perfect scalar wave. The result is a bifilar coil that much more closely duplicates the original coil patented by Tesla 90 years earlier, with one conductor providing the clockwise/inbound spiral while the adjacent conductor provides the counter-clockwise/outbound spiral.

To this day, the spool style bifilar antenna is utilized as a secondary antenna in both the Mk 3 Workstation and The Beacon, the two most powerful KRT radionic instruments.



*Spool Style Bifilar Antenna (above)  
from a Mk 2 Workstation (below)*



*The Beacon*

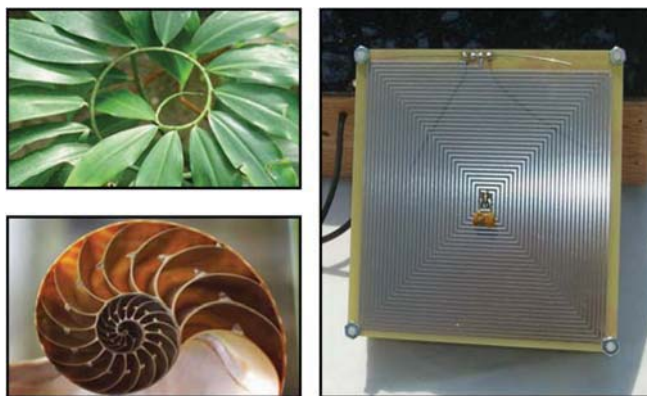


*Mk 3 Workstation*

### 3. Phase Array Reaction Plate/Antenna (Original: 1995 – 2013)

The original Phase Array Reaction Plate/Antenna was introduced in the May/August 1995 issue of *Interdimensional News*, the predecessor to the *Kelly Research Report*, with discussion continuing in the issues that followed. This technology provided a tremendous leap forward in both strength of the electrostatic reaction, which brought increased sensitivity to the operator, as well as stronger broadcast capability, which could be measured with reductions in required broadcast times. These units were made to be utilized not only a Kelly radionic instrument, but also with any other instrument whose design includes the ability to access the outgoing broadcast signal/information.

The Phase Array Reaction Plate/Antenna significantly improved the density of the conductor pathways by replacing the simple moebius loop of speaker wire with a printed circuit board imprinted not just in a simple pair of loops but in a pair of rectangular spirals that wound one inside the other from the outer perimeter to the center and back. This is how Peter Kelly sought to apply the principles of "rhythmic balanced interchange of energies" as expressed by the late Walter Russell to the "golden mean" – the mathematical ratio that describes the geometry of countless shapes found in nature.



*Golden mean spirals in nature and radionics.*

However, two additional features would be added to the new design before the new antenna was introduced to the public. The first of these was the addition of a top quality silver mica capacitor to the center of the two spirals that ensured that even the most subtle of outgoing energy fields would build to a sufficient level to fully power the longer conductor pathway found in the new form. This was especially important given the second important feature, which was the first-ever application of the array concept to broadcasting in radionics.



*Phase Array antenna plates are stacked in perfect vertical alignment to maximize resonance and minimize dissonance.*

The idea of assembling multiple, double sided antenna plates into stacked arrays came as a result of Peter Kelly's search for solutions to the problem of changes in the strength and stability of the Earth's natural magnetic and energetic fields reducing the impact of radionic broadcasts. These changes were already having localized and regional effects, such as an increase in the number and/or length of recurring radionic broadcasts to achieve the same results as shorter and/or less frequent broadcasts in the past. Rather than try to overcome these issues by adjusting the broadcast strength of the radionic instrument, the idea was to instead increase the density of the information by allowing the signal to build and grow over a stack of antenna plates



that featured the new bifilar coil antenna on *both* sides of each board, then connecting the plates in parallel with a common pair of conductors.

With this configuration the entire array acts as a capacitor. First, the silicon substrate in each circuit board would serve as an insulator between the conductive circuit pathways found on both sides, yet the field generated on each side would reinforce the signal found on each opposite side because the field radiates through the insulator. Similarly, the air between each board would serve as an insulator; yet again the field from each board would impact and reinforce the fields generated on the neighboring plate. The resultant broadcasts exhibited a much higher level of information density than the simple moebius loop rub antenna and was theorized to be more deeply impacting reality by resonating the broadcast of information-as-energy on more levels than ever before. Finally, it was confirmed that adding more antenna plates served to increase the effectiveness of the outgoing signal – more plates, more density, more effectiveness. One of the most interesting realizations was that multiple arrays could be wired in parallel and also achieve the combined benefit found in a purely vertical stack. This led directly to introduction of the large-form phase array reaction plate/antennas in 1995, as well as the decision to include phase array antennas in all of the cabinet style radionic instruments (The Seeker, The Beacon, and The Workstation) beginning in 2008. Here is a “Frequently Asked Questions” piece published in the September/December 1995 of *Interdimensional News*.



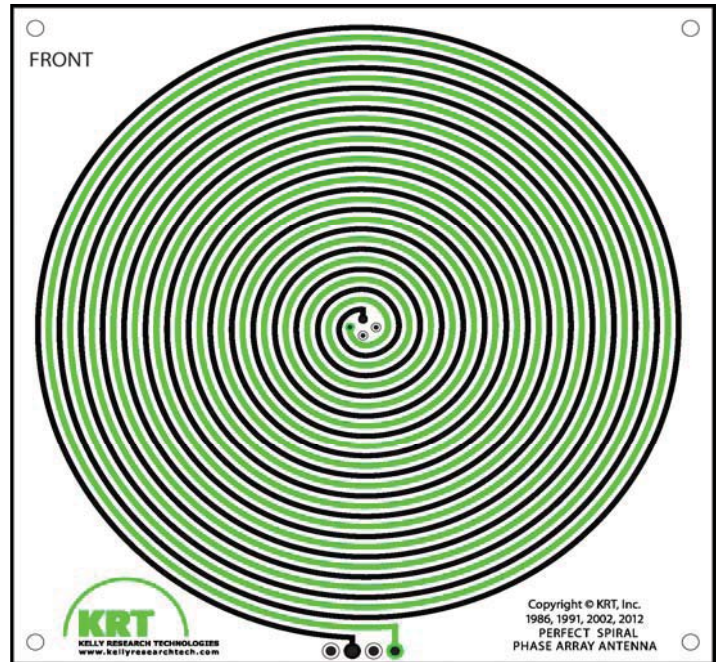
*A larger enclosure allowed two arrays of antenna plates to be installed inside.*

Common Questions (with answers):		
	Question	Answer
1	Why did you invent this antenna?	Due to changes in the earth’s magnetic field (weakening, unstable), Ag instrument operators have been having temporary successes. Needed something that would allow more permanent long term results.
2	How does it work?	Essentially we are addressing more aspects of the information that determines what constitutes reality, (the energy-as-information) by affecting the information on multiple levels of reality.
3	Is the transmitted effect stronger?	From 20 to 1000 times stronger. Not as wattage, but as density of signal (information) transmitted back to the specimen source. It can not be compared to normal electromagnetic vector intensity, but with parallel processed scalar electrodynamic (quantum mechanics) signals.
4	Is there a comparison in conventional physics?	The nearest that we know of would be similar to phase conjugate waveforms such as used by us in the BETAR sound relaxation systems (sound waves) or in Laser Four Wave Phase Conjugate Mixing (light waves).

# Introducing the Perfect Spiral Phase Array Antenna

The second generation antenna features a new look, new materials, and new capabilities!

William Kent, the English architect, once famously observed “nature abhors a straight line”. The rectangular bifilar coils utilized in the original phase array antennas were a “best approximation” of the true round spirals found in nature, a compromise made due to limitations in our abilities at the time. For the last 18 months at KRT we have been testing a brand new Perfect Spiral two-sided bifilar coil antenna that takes all the right angles out of the signal pathway. While the primary objective of the redesign effort was simply to streamline and speed up the flow of energy-as-information through the antennas, several more new features and benefits were identified during the development process, both expected and unexpected! Here are the key changes noted thus far:



Production Artwork – Perfect Spiral Array Bifilar Coils

**1. Perfect Bifilar Spirals:** Today’s printed circuit board manufacturing techniques allow designers to create any form or figure on the silicon board. This leap forward has allowed KRT to at last produce the antenna plate originally designed by Peter J. Kelly – a pair of flawless interlocking clockwise and counterclockwise spirals with neither right angles nor straight lines to impede the speed of the outgoing broadcast.

**2. Pure Gold:** Since 1995 the actual circuit paths found on each antenna board were made with a tin alloy laid atop a base of copper – the standard method for manufacture of printed circuit boards. And while the first run of Perfect Spiral antenna plates was made in the same way, we also commissioned a test set of the same antenna plated not with tin but with pure gold. This was done not just because gold is pretty and does not oxidize, but because gold has a much higher degree of innate conductivity than



Perfect Spiral Array w/ Clear Reaction Plate



tin, meaning any signal information delivered to this antenna will move much more quickly through the circuit. In fact, gold is nearly five times more conductive than tin according to standards established in 1913 by the International Electrotechnical Commission. And while mainstream technical standards are not always directly relatable to the world of esoteric electronics, building the first array with the new gold antenna plates made it clear that gold would have to be the new standard despite the fact that KRT's per-plate expense would be every inch of 75% higher than if we were to stick with the old tin plate method. Even before we began taking readings the antenna exhibited an innate warmth and glow of energy unlike anything we have seen previously.

**3. Perfect Enclosure:** Since 1995, the Phase Array Reaction Plate/Antennas have utilized an oak box with a black acrylic rub surface. The oak does not contribute much to the radionic process and was primarily chosen for its visual similarity to the KRT Classic Rub Plate. In contrast, the new enclosure is smaller, lighter, and made entirely of polycarbonate plastic. Once the clear top is locked down using the dust-abolishing rubber gasket, the entire enclosure becomes tight as a drum and resonates like one as well, thus further heightening the vibratory qualities of the electrostatic response felt on the plate. The shorter working height of the new enclosure will be a welcome change to those clients who have experienced wrist fatigue when using the taller original phase arrays for lengthy periods of time.



*Classic Rub Plate*

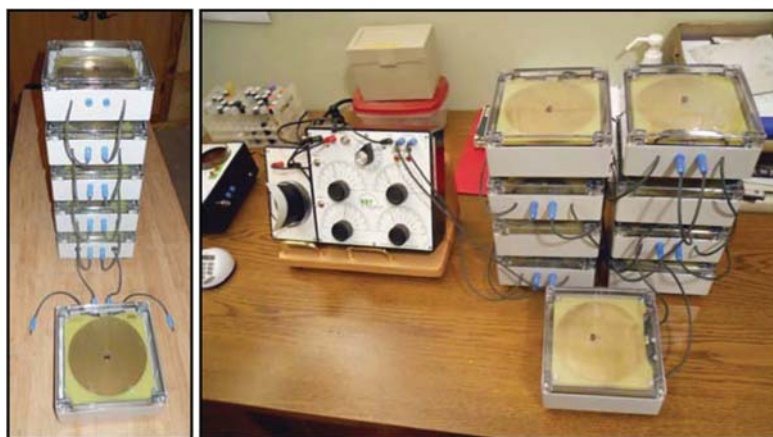
*Original Phase Array Antenna*

*Perfect Spiral Phase Array Antenna*

**4. Unlimited Modular Expansion:** On countless occasions clients have asked for ways to further expand the broadcast power of their instruments. In the past we have only been able to offer a single Phase Array antenna to each client to use with their instruments even though we knew that use of multiple harmonically tuned arrays will consistently reduce broadcast times and produce a stronger outcome for the user. For example, an array with 12 antenna coil plates is actually made by installing two arrays with six antenna coil plates each in the same enclosure, then wiring them in parallel. Building an antenna with 18 or 24 coil plates has always been a limitation of the oak enclosure, not the antenna boards inside. For the first time this obstacle has been defeated! Built into the new polycarbonate enclosures are an extra pair of output/input jacks that deliver unlimited expansion and

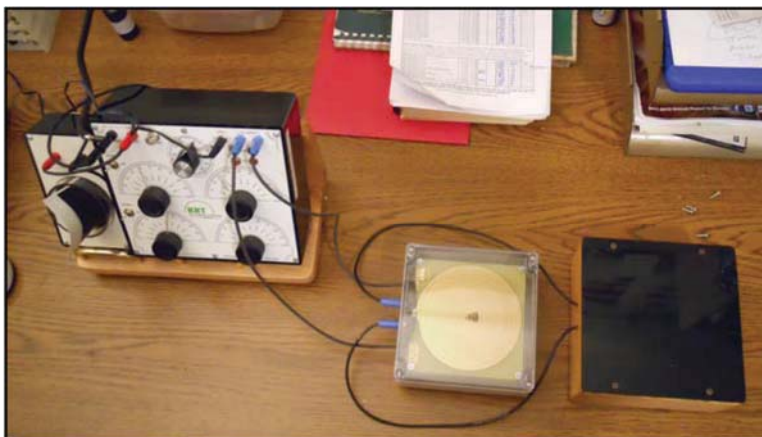
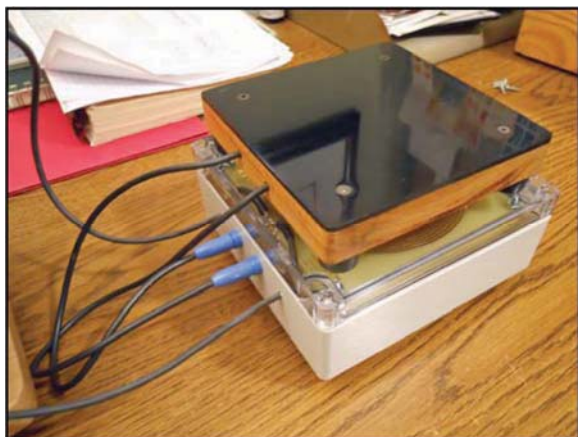
flexibility to every instrument. There does not seem to be a ceiling to the number of antenna that may be connected together.

It is easy to use the new Perfect Spiral Phase Array with any instrument. Simply plug the blue tipped leads into the blue OUTPUT jacks on the Personal Instrument or the blue jacks found on the front of all cabinet-style instruments (including The Seeker, The Beacon, and The Workstation) and the antenna is ready to use. A pair of 18" blue tipped extension cords is provided with each Perfect Spiral to simplify connections. Multiply the output power of the instrument by connecting a second antenna to the blue jacks on the side of the Perfect Spiral. The second antenna can be a Classic Rub Plate, an Original Phase Array Antenna, or an antenna of your own design.



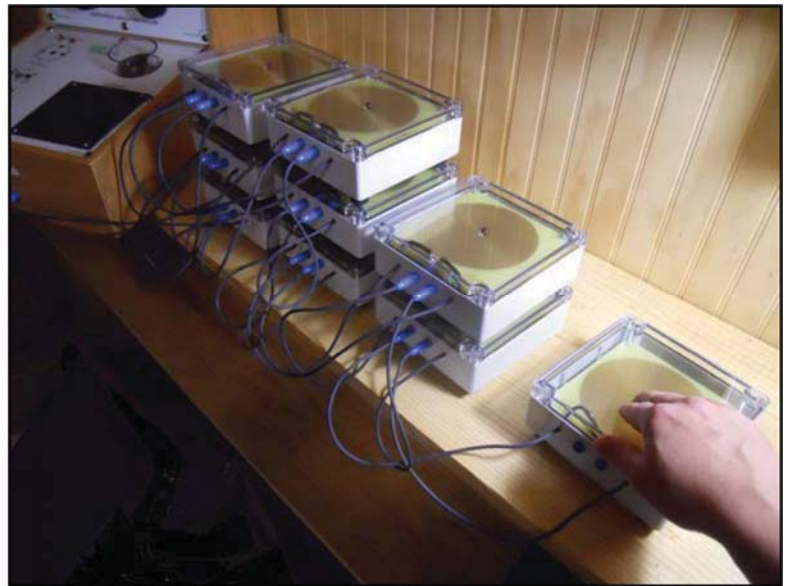
*Towers of Power! Each of the units shown is a 6 Plate/ 48 Phase Array Antenna, so these super stacks total 36 Plate/288 Phase (left) and 54 Plate/432 Phase (right).*

**5. Keep Using Your Current Equipment:** The extra jacks on the Perfect Spiral Phase Arrays are the perfect place to integrate a Classic Rub Plate or an Original Phase Array Antenna into the circuit. We have only begun to explore the impact of combining the old and new antennas, but the results thus far are exactly as expected – additional arrays delivers a stronger response to ALL antennas connected in the circuit and a reduction in broadcast times dowsed on the instrument.



*Old and new work together! Kelly Personal Instrument drives Perfect Spiral Phase Array with Classic Rub Plate (left) and with Original 6 Plate/48 Phase Array Antenna (right).*

**6. The Bifilar Coil is a Focusing Tool:** One unexpected benefit that came with transition to the polycarbonate case with the transparent top is the fact that for the first time the user has a plain view of the actual antenna coil inside. Several testers have reported a positive benefit upon gazing at the actual Perfect Spiral coils while checking for a "stick" on the reaction plate. The spirals can deliver a mildly hypnotic visual effect that some testers felt was helpful in putting them in a state of focus ideal for operating the radionic instrument.



Now **you** decide how many antenna to use with each radionic instrument!

*The all-new Perfect Spiral Phase Array Reaction Plate/Antennas deliver:*

- Flawless interlocking clockwise and counterclockwise spiral geometry with no right angles or straight lines to impede the speed of the outgoing signal.
- Pure gold plating atop copper for maximum throughput of the outgoing signal.
- Airtight high resonance polycarbonate enclosure with buttery smooth reaction plate.
- Endless expansion when you need it, endless flexibility where you need it.
- Instant compatibility with all Kelly radionic antenna and instruments.
- Each antenna includes a pair of 18" long extension leads to simplify unit integration.
- No price increase until January 1, 2014.

**THE KRT PERFECT SPIRAL PHASE ARRAY REACTION PLATE/ANTENNA**

<b>Four Plate/32 Phase Array.....</b>	<b>\$375.00</b>
<b>Five Plate/40 Phase Array.....</b>	<b>\$450.00</b>
<b>Six Plate/48 Phase Array.....</b>	<b>\$525.00</b>
<b>Replace 18" leads with 36" leads .....</b>	<b>\$20.00</b>

Build **your** array of savings with **special introductory volume discounts:**

<b>Perfect Spiral Array</b>	<b>4 Plate/32 Phase</b>	<b>5 Plate/40 Phase</b>	<b>6 Plate/48 Phase</b>
Buy 1	<i>List Price</i>	<i>List Price</i>	<i>List Price</i>
Buy 2	Save \$10 each	Save \$15 each	Save \$20 each
Buy 3	Save \$20 each	Save \$25 each	Save \$30 each
Buy 4	Save \$30 each	Save \$35 each	Save \$40 each
<b>Buy 5 or more</b>	<b>Save \$40 each</b>	<b>Save \$45 each</b>	<b>Save \$50 each</b>

**Act now! This offer expires on December 1, 2013.**