

## Talking to the Dead: The real story.

First, a recent article about ITC and current successes:

### Communicating with the DEAD

by Keelynet

Communicating with the Dead using the principle of Electronic Voice Phenomena (EVP).

In a stunning breakthrough, two different teams of researchers, one in the US and the other in Germany, have both developed devices that let them talk with the dead. So far, they are said to have actually held conversations with at least nine "dead" people.

Konstantin Raudive did much original work in this area which has been carried on by Dr. Walter Uphoff, George Meek and the Fishbach family of Germany.

"This is undeniable proof that there is life after death," declared Dr. Ernst Senkowski, Professor of Physics at the Technical College of Bingen, West Germany.

"They have shown us wit, personality, memory and an active mind. They are as much 'alive' now as when they had physical bodies.

Researcher George Meek, director of the MetaScience Foundation in Franklin, N.C. says, "Our findings give us undeniable proof that the dead ARE TRYING to contact us."

On both sides of the Atlantic Ocean, researchers have found that the dead tell the same story: In the spirit world, there is no concept of time or distance and no need for food. Spirits can observe the living and perform such feats as reading books without opening them.

The electronic devices are similar to ham radios, except that they receive 13 different frequencies at once. "The voices of the dead are about twice the speed of normal human speech and they have a rhythm that is different from our own - almost a flat monotone," explained researcher Meek.

And in Germany, Dr. Senkowski said that of the four dead people he's talked with, "one is a Hamburg dockmaster who died in 1965. We verified this information. He told us that he was well and happy."

"Another is a Hamburg steam engineer who died in 1959. He told us to give greetings to his wife, calling her by the special nickname, 'Little Dwarf.' And when we gave her the message, she told us it was a very personal nickname known only to her and her husband. She took it as proof that the person who contacted us was indeed her dead husband."

The dead have given Dr. Senkowski details of the afterlife, "I once tried to arrange a 3 PM conversation with one," he said. "He told me that was impossible because he had no concept of time or distance." And one day Dr. Senkowski received a bizarre communication from a female spirit. "I was wearing a gold chain around my neck rather than the silver one I usually wear," he recalled.

"Then suddenly a young woman's voice spoke through the machine. 'There is a gold chain around your neck today - not a silver one', she said. 'I have been observing you.'"

Meek's team developed a radio based system which they call SPIRICOMM. It used a medium (psychically sensitive) with technical skills to operate an electronic arrangement which produced 13 simultaneous audio signals.

The "departed" can somehow suppress those signals in such a fashion as to generate intelligible speech. As the machine was being tuned for the best operation, the technician was being "guided" by voice from the other side. A most interesting arrangement.

One of the spirits Meek's team has talked to some 25 times identifies himself as Dr. George J. Mueller, an electrical engineer who died in 1967 of a heart attack.

"Dr. Mueller told us where to find his birth and death certificate records. He told us he graduated from Cornell University with a degree in Engineering and that he taught there," said Meek.

Amazingly, according to records at Cornell, what Mueller said was true.

Dr. Mueller told the researchers to read pages 66 and 67 from the book, "Introduction to Electronics" that he'd written in 1947, said Meek, who found that 'pages 66 and 67 were an

overall view of what man had done and what he could do in electronics. And it related directly to our breakthrough! Dr. Mueller also told us that in the spirit world each person can assume the outer appearance of any time in his or her life.'

Dr. Mueller also told the researchers that he no longer felt any need for food, and that he could read any page that he wanted in any book just by looking through the book's cover. He told us that he was happy and we should not fear death, and that he has friends in the afterlife.

And Dr. William Tiller, full Professor of Material Sciences at Stanford University and a Visiting Professor in the Department of Electrical Engineering at the University of Delaware, added, "My feeling is that this development should start a series of breakthroughs in afterlife research."

Further information which we of Vanguard Sciences found of interest was a comment made by a "departed" technician relating to how they can manipulate energy.

Since there is no physical matter on their level, all they have to work with is energy. By causing the energy to flow in a vortex, it naturally achieves a focal point which allows action to occur from their level to our physical level.

The technician stated that they were still learning how to "tap the spiral" which shows that the ever tightening spiral segments increase in power as they condense toward the center or focal point.

Mr. Meek's contacts state that they have groups (of departed entities) some with up to 200 participants trying to help devise a reliable system for DIRECT COMMUNICATION.

In a phone conversation with George about 3 years ago, he said they were getting phenomenal information relating to a wide range of new technologies.

The last we heard was that MetaScience was working on a device for direct VISUAL INTERACTIVE COMMUNICATION with the "dead".

Two other excellent workers in this field are our friends Walter and Mary Jo Uphoff with the New Frontiers Center. They have an excellent newsletter and travel widely to keep up on the latest research.

Walter gave a presentation to the 1988 7th Int'l Psychotronics Association meeting in Georgia in which he showed videos of work done by the Fishbachs of Germany. These showed how they had actually received images on a TV screen from departed entities.

In a private conversation with Walter, he graciously showed us a schematic of how the German video system is setup. He kindly gave us a copy of the diagram with German labels which he translated.

Ron recently received a short letter from Mary Jo Uphoff informing us that Walter had taken ill. He was hospitalized at the time of the writing (June 90) and not doing too well. We hope Walter recovers as quickly and fully as possible.

Mary Jo continues that the New Frontiers newsletter would be on hold for a short while until Walter gets better. Back issues are available however.

If you would like to experiment in this area, we will provide a very basic description of how to do simple EVP work.

The original discovery came when a naturalist in Europe was making magnetic tape recordings in a wooded area. When playing the tape back, he heard strange high pitched whining, which, when amplified turned out to be almost intelligible phrases in several different languages.

Modern techniques developed by Konstantin Raudive use a regular tape recorder with a germanium diode as the ONLY AUDIO INPUT. Take a 1N914 germanium diode from Radio Shack and solder it to a plug made to fit the MIC input.

When plugged into the jack and the volume is turned up to the highest it will go, the diode apparently will pickup up a very wide range of frequencies.

These frequencies are modulated by the "departed entities" so that careful listening to the playback will yield some form of intelligible phrase. Of course, there are several ways to enhance the intelligibility. These include slowing down the tape and various forms of filtering using an equalizer. This is the basis of the original EVP experiments. The unit MetaScience worked on went through several modifications of which we have only limited information at this time (Mark IV). We know that 13 audio frequency generators (individually tuneable) were all powered on at the same time. As we understand it, the technician must be sensitive to departed entities and can adjust (optimize) the precise frequency (thus the relationships) as guided by the entity whom he

knows to be present and speaking. We understand that there have been improvements with the use of a carrier frequency in the range of 47 MHz, but we have no further data on this. Dr. Uphoff gave us a diagram for visual imaging of the "dead". As we understand it, when the camera is turned onto the TV and continually recycled through the VCR, within about 50 passes it begins to become sensitive to modulation by outside agencies.

Pictures of Romi Schneider (famous German actress), Albert Einstein and other entities, including many family members of the experimenters have appeared and been captured on the videotape in the VCR. The experiment must be carried out under conditions conducive to minimal disturbances and not hostile to results. As we understand this, Keely referred to the establishment of what he termed a "Sensitized Centre".

This was a stable geometric form, either in matter or energy which when so differentiated (optimal energy transference) became subject to extremely small outside stimuli. This of course would be the nature of emanations radiated from "discarnate entities".

To the best of our knowledge, the text on this page may be freely reproduced and distributed. This article appeared about the same time as this incredible claim:

In 1979, he (George Meek) and his colleague Bill O'Neil developed the Spiricom device, a set of 13 tone generators spanning the range of the adult male voice. O'Neil was psychically gifted, and he collaborated with his spirit friends while developing the large radio-like apparatus, which gave off a droning buzz that filled the room. When O'Neil spoke in its presence, you could hear his voice getting wrapped up in the buzzing noises of the Spiricom machine. He worked on the machine for months, and then a most amazing thing happened. Another voice began to get wrapped up in the radio sounds too—a voice belonging to someone who was present in the room, but invisible. -End

The voice of a spirit?

## **The SpiriCon**

I was one of the people who bought into the "spiricom" concept: I got the schematic, bought the parts and built what appeared to be an FM low power radio transmitter and FM receiver. The transmission signal was a composite wave form composed of 131, 141, 151, 241, 272, 282,292,302,415,433, 515, 653, and 701 Hz. (That's right 13 waves, the magic number). I fired it up, placed the microphone and recording device (in those days I used a Teak Reel to Reel) and waited for the voices from the dead. I waited a long time. What I did get was noise, and lots of it. No voices. Then I tried to find out what I did wrong. I contacted the Metascience Foundation and I got this back:

### **A Word of CAUTION**

- Tens of thousands of hours spent over 25 years by hundreds of EVP (electronic voice phenomenon) researchers in Europe have clearly shown that some form of supplemental energy must be utilized to permit even individual words or short phrases to reach a level of audibility detectable even by a researcher with a highly acute sense of hearing.
- Eleven years of effort by Metascience researchers has established that the energies involved in the different levels of the worlds of spirit are not a part of the electromagnetic spectrum as science presently knows it. To have any chance of sensing or detecting such energies it is necessary to create some means of coupling the spirit energies to the devices at our disposal - transceivers, speakers, microphones, tape recorders, oscilloscopes, etc. Hence it seems that some form of transformer, coupler or transducer must be utilized to serve as an interface between the energies of the "dead" and the energies used in our electronic devices.
- Of the five different system design concepts explored by Metascience researchers, only one has

so far resulted in prolonged, two-way, normal voice conversation. That system, which we call Mark IV , uses the energy input from 13 different audio tones in what seems to be a more effective and constant energy source than the miscellaneous energies used by EVP researchers past and present. It also seems to use the auric energy field of one of our technicians who is such an advanced psychic that his clairaudient and clairvoyant abilities have on occasion allowed him, to converse with and see the " dead " person. His energies have, on at least one occasion, been utilized in a full body materialization of a spirit form. To date, our only extensive two, way conversations have been obtained when this technician is present in the room in which the equipment is located.

- Because of the above fundamental factors, we caution that merely building equipment according to the diagram for Mark IV may result in a waste of effort and money unless there is some form of highly charged human energy field available for use in combination with the mixture of 13 audio tones.
- In an effort to eliminate the need of a human energy field, three other types of transducers are already being investigated by Metascience Foundation researchers - electrically activated quartz crystal utilizing ultraviolet light, living plants and the plasma of an open flame. These are outlined in Chapter 10.
- One of the principle reasons for releasing this technical manual now is to encourage you and other researchers throughout the world to use your inventive talents to explore and solve the many mysteries which still separate us from the desired quality of communication.

You are kidding me, right? Hey this wasn't part of the come on when I started this journey, now suddenly in order for this to work I have to have some kind of unquantifiable energy? I did some more digging. Turns out that the ONLY folks that had any success with this were George Meek and his colleague Bill O'Neil. The design for the device was supposedly communicated to them from a Dr. George J Mueller, PHD, who was supposedly born on September 1, 1906, and died May 31, 1967. His resume' is impressive, to say the least.

### **Dr. George J Mueller, PHD**

#### **LAST POSITION HELD**

- Associate professor of engineering and mathematics, Orange Coast College, Costa

Mesa, Calif., 1964-1967.

#### **ENGINEERING EXPERIENCE**

- Manager, research and development center, Cannon Electrical, Co., Anaheim, Calif., 1962-1964.
- Chief of development and planning, Nortronics Division, Northrop Corp., Anaheim, Calif., 1960-1962.
- Senior staff member, Ramo-Wooldridge Division, Thompson Ramo Wooldridge, Inc., Canoga Park, Calif., 1959-1960.
- Director of engineering, technical products division, Packard Bell Electronics Corp., Los Angeles, Calif., 1956-1959.
- Chief, test support department, Ramo-Wooldridge Corp., Los Angeles, Calif., 1955- 1956.
- Consultant in engineering and physics, Douglas Aircraft Co., 1953-1955.
- Technical director, Dumont Labs, Inc., Los Angeles, Calif., 1952-1953.
- Supervisory physicist and chief, technical services division, Patrick Air Force Base, Fla., 1950-1952.
- Physicist and chief, research laboratory, Picatinny Arsenal, Dover, N.J., 1935-

1950.

#### ACADEMIC POSITIONS

- Research fellow, Cornell University, Ithaca, N.Y., 1933-1935.
- Physics instructor, Cornell University, Ithaca, N.Y., 1931-1933.
- Physics teaching assistant, 'Cornell University, Ithaca, N.Y., 1929-1933.

#### EDUCATION

- B.S. Electrical Engineering University of Wisconsin 1928
- M.S. Physics Cornell University 1930
- Ph.D. Experimental Physics Cornell University 1933

#### PUBLISHED WORK

- Mueller, George J. Introduction to Electronics, 1947.
- Also contributed to various professional journals in physics.

#### MEMBERSHIPS

- Institute of Electrical and Electronics Engineering (Senior member)
- American Association for the Advancement of Science
- The Franklin Institute
- Institute of Radio Engineers
- The Physical Society
- Society for Engineering Education
- Society of Motion Picture and Television Engineers

I live right down the road from Picatinny Arsenal. I thought I would check to see if there was a record of him working there. For those of you who are not familiar with Picatinny arsenal, here are the goods:

"Picatinny Arsenal Picatinny is the site of ARDEC (Armament Research, Development and Engineering Center). ARDEC falls under the major command of AMC (Army Materiel Command) and TACOM (Tank Automotive and Armaments Command). ARDEC's mission is to conduct or manage research, development and engineering for all assigned weapon systems. Currently, its primary mission is research, development, and pilot-plant production of explosives and propellants for the Army. Picatinny Arsenal covers 6,491 acres in Morris County. Picatinny Arsenal is located in the NY/NJ Metropolitan Region approximately 45 miles West of New York City. The arsenal has been in operation for over 100 years, and it was a major source of ammunition in wartime.

On 06 September 1880, the War Department issued Special Order No. 189 which established the "Dover Powder Depot" in Rockaway Township, New Jersey to store gunpowder needed to manufacture ammunition. Four days later, the post was renamed the "Picatinny Powder Depot". It was built on land that had been the site of Mt. Hope Ironworks, including John Jacob Faesch's Middle Forge, that provided munitions for Washington's troops during the Revolutionary War. With his advanced knowledge of European technology, Swiss ironmaster John Jacob Faesch introduced many improvements to Morris County's iron industry. He also directed the iron manufacturing operations that provided the Continental Army with ammunition and ordnance during the Revolution.

In 1907, the installation became Picatinny Arsenal, home of the Army's first smokeless powder factory. After World War I, the arsenal added research and development of large caliber munitions to its mission. At the time of the attack on Pearl Harbor, When World War II started, Picatinny Arsenal was the only plant in the United States capable of making ammunition larger than that for small arms. During the war more than 8,000 people were trained at Picatinny in specialized techniques of munitions and mass production. At the peak of WWII activities, the Arsenal employed in excess of 18,000 people on a three-shift per day, seven day a week basis. In the years from Korea to Vietnam, the prime arsenal mission was to develop and improve large

caliber conventional and nuclear munitions. Through the early 1970s, explosives, propellants, and ammunition were manufactured at the installation. By 1977, manufacturing was replaced by the research and development of weapons and small caliber munitions. It was designated the United States Army Armament Research, Development and Engineering Center (ARDEC) in 1986 and joined TACOM in 1994.

Picatinny Arsenal, like most Army installations, is continuously developing ways to tackle the challenges of downsizing and still provide today's soldiers, sailors, and airmen with the finest armament and munitions in the world. Restructuring initiatives have resulted in increased efficiency and substantial cost savings. The arsenal is committed to sustaining the highest possible quality of life for its workforce while continuing to perform basic research, concept evaluation, advanced development, and full-scale engineering support for production, fielding, and eventual demilitarization. Population served: 3,700 soldiers, civilian employees, dependents, and retirees. Size: 6,400 acres and 4,000,000 square feet of building space.

Picatinny Arsenal is located in north-central New Jersey. The Arsenal is rectangular in shape, approximately 8.5 miles long by 1.5 miles wide. It is situated in an elongated northeast-southwest trending valley bounded by Green Pond Mountain on the west, Green Pond and Copperas Mountains near the northwestern border, and an unnamed ridge to the southeast. The topography is lowlands in the south and east rising to 1,388 foot elevation in the hills of north-west; lakes, hills, forests in the south and west. Mixture of city, suburban, country environment with population, industry and major office buildings centered in the east and central portion. Green Pond and Copperas Mountains are characteristically rugged, rocky, and steeply sloped with a maximum altitude of 1,200 feet. The southeastern ridge is not as rugged or steeply sloped and has a maximum altitude of 1,100 feet. The valley is drained to the southwest primarily by Green Pond Brook. It has two man made lakes--Lake Denmark and Picatinny Lake. "

They made munitions. Ammunition, among other things. Today they have several projects including robotic field devices to help the ground soldier, acoustic weaponry and other things. They don't seem to have a record of George J. Mueller. Published photos of Dr. Mueller have several identifying components that link the likeness to a Dr. E. Mueller, who worked for N.A.S.A. and was a manager of the Apollo project. He died in 2002. There are a lot of other mysteries about this man, and more can be found at the CPRI website as well as Ghostly Talk. Seems a Dr. S. Rorke found out some similar info that I discovered, only he took it quite a bit further. To me, Dr. Rorke is far more believable.

"Dr. Rorke is an academician possessing experience as a Professor of Physics for Loyola College, a BA in Communications Theory, a Master of Science degree, and is currently pursuing post-doctorate research in the cognitive sciences. His disciplined inquiry mode of research methodology has brought him to consult with researchers on technical and theoretical matters related to Electronic Voice Phenomena (EVP), and to pursue a personal interest in EVP with former Center for Paranormal Research and Investigation (CPRI) technician Jim Hale."

"S. Rorke served as Science Adviser in Physics to CPRI in a consultant capacity from 2004-2006. His main areas of interest continue to be EVP Research, Quantum Physics, and Novel Technologies of Brain Entrainment and Induced States of Consciousness as Paranormal Correlates. This follows the work of M.A. Persinger and his Neurotheology theory. Far from a rigid debunker, S. Rorke is a skeptic willing to consider even the most controversial evidence and data sets related to paranormal phenomena. His credo: Science should investigate the unexplained, not explain the uninvestigated."

"While investigating what is widely popularized as "the most convincing evidence of two-way communication with the dead" (Bell, A., 2001), namely the Spiricom Project and the subsequent audio taped of sessions, S. Rorke and J. Hale discovered inconsistencies in the Spiricom story that reveal much more than mere irregularities in the official record, they reveal high-strangeness surrounding this case and the potential NASA conspiracy involving the main players."

(From GhostlyTalk)

The point to all of this is, the spiricom was a fake. A fraud.  
And it is still being peddled on the web as the Real McCoy.

This is a prime example of why when someone tells you they have found a way to talk to the dead, you should hold onto your wallet with both hands and run in the other direction. Let's look at this with logic.

First of all, how in the world could you possibly know you were talking to the dead and not some HAM operator having a good time? How do you know you are not picking up unmodulated audio, interference, cell phone conversations, etc. ?

Of course there is no way to know. Not unless as part of your experimentation, you eliminate those potential causes. They did not. This is why I am against any research that uses TV, Radio, White Noise, etc. If you are using this, and you receive something, you HAVE to check to see if it is an RF signal you are receiving. RF field Strength meters, RF spectrum analyzers, etc are required to eliminate this as a possible cause.

There are too many viable explanations for the material you receive. It is too easy to debunk. I don't know about you, but If I COULD talk to the dead, and no one believed me, what good is it?

Everything you do must be backed up by evidence that stands up to scrutiny. Otherwise it does more harm than good.

### **The PsychoPhone**

First of all, I realize there is a whole cadre of researchers devoted to using background noise as an aid to recording EVPs. I personally reject those notions as opening the door for your work to be debunked.

Franz Seidl, a self proclaimed EVP-pioneer, has "invented" the Psychophone, a revolutionary new device that practically guarantees the user success in contacting the Spirit World.

Uh-huh, yeah.

Well there is one accurate part to this scam: the "Psycho" in the phone.  
Here are the quotes with my commentary ;

"The Psychophone integrates several electronic devices e.g. an oscillator ( a small radio transmitter) that generates energy/carrier waves for transcendental voices to modulate. Secondly a radio-receiver for the reception of electromagnetic waves that may be influenced by the voices. Furthermore there is a microphone-preamp onboard to enable the use of a microphone to capture voices."

I have carefully studied the schematic of this device and built a test unit, I have noted a few things. First, not every oscillator is a radio transmitter. Second, the oscillators in this device are highly unstable circuits, and have adjustable

potentiometers that will literally allow you to make it talk. By rotating the knobs you can alter pitch and cadence. As for “transcendental voices to modulate” I have yet to see that proof. What this device will do is allow any frequency present in the audio range to modulate the carrier. Twisting the knobs will also modulate the carrier. This thing is a win/win situation. If you don't detect an EVP, you can generate one.

“Sometimes voices, addressing to those present, can be heard directly from the speaker. I also added extra outputs with individual amplification to be able to connect several recording devices e.g. cassette recorder or PC. I use two microphones with preamps that are connected to two separate inputs on the Psychophone without causing a decrease of the radio-signal. I recommend the use of preamps for it increases the necessary sensibility to pick up the usually faint voices.”

I could go into a long list of why this isn't so. Instead I will tell you in plain language.

Bull.....this device is a noise maker.

“There are two inputs for an antenna and I've built in a large DC-meter that indicates the quality of reception. I use a mobile scanner antenna and a wire antenna with a spool in the middle to create the idea of a long wire antenna in a small room.”

The DC meter is reading background noise level. The mobile Scanner antenna is the wrong size for the frequencies this thing is operating at, and a long wire antenna is called a “dipole”. Its length is critical and must be cut for a specific frequency. At best this device will pick up AM station bleed-over, if it's close enough to the radiating tower. Then again, so will your bathtub if filled about  $\frac{3}{4}$  of the way full.

“When I am recording outdoors, I use a cassette-recorder BASF type 9210 automatic. I have built in a 100 K ohm potentiometer to be able to regulate the speed of the motor. You may have to experiment with other values. At home I usually make my recordings on a personal computer, using software called Cooledit 2000, for this program can handle all kinds of difficult situations you may run into recording, filtering or editing recordings.”

I bet. Cooledit can do a lot, including making EVPs. Adjusting the motor speed. Isn't that tampering with the recording?

Now here is what sold me on the device. This claim makes it a lead pipe cinch!

“If you are using the psychophone it is advisable to create inner peace and tranquility for this increases the chances of good contacts with the other side. There is no need to act mysterious like sitting in a darkened room in the middle of the night burning incense. You may as well do it during the day in full light at the time of your choice. Do try to repeatedly pick the same time of day for subsequent recording sessions. It has proven to increase the number of contacts and their quality. If a contact has been established, always bear in mind that it is not only your apparatus that is responsible for it. Your participation level is high, you are the conductor. They use your energy to be able to communicate (aura or magnetic radiation). That is why you may feel tired after having done several subsequent recording sessions.”

That must have been my problem. I was so pissed off at the concept, I had no inner peace. Or maybe my participation level wasn't high enough. These people should be jailed for fraud. Anytime someone tries to sell you on a scientific instrument that requires peace of mind, a good measure of tar and feathers should be applied.

By using a device that generates noise, any noise, including white noise, pink noise, sweep oscillations, etc. you are opening up your work to be debunked. While using these methods, there are a dozen ways to pick up the voices you record, and none of them have a thing to do with the paranormal. Unmodulated Audio, resonant audio detection, subcarrier detection, microwave harmonic reception...and the list goes on. The idea is to REMOVE these possibilities, not add them.

You want your work taken seriously by the scientific community? Get a good dynamic mic, a good recorder, and go ask questions in a place that has reported activity. Good people are wasting good money and valuable resources on junk. Stay away from devices that require your proper peace of mind to function properly. By the way, I have some swamp land in Florida I'd like to unload...

### **Frank's Box**

I have debunked such devices as the Spriritcom, and the psychophone as devices that easily receive interference and due to the meshing of unstable frequencies, create beat frequencies in the audio range, that often make some sense. Is it voices from the dead?

There is absolutely no proof of that.

What I really find fascinating is why do people try these things? I have heard the "voices" these boxes produce, and they are more often than not electronic signatures, not real voices. So when you can capture a class A EVP with a microphone and a recorder, why add all of these opportunities for a scientist to debunk your work by using unstable oscillators and varying the bias on the control amplifier? These boxes are essentially synthesizers, very similar to the one invented by MOOG in the early 1960's. In fact I have an old synthesizer here in the lab and I can make say whatever I want. It certainly is no proof of voices from the dead, although I could make it seem as such.

I want to believe it is possible to build an electronic device that will enable us to communicate with the dead. I really do. But on the other hand, I have to be able to quantify this action with documental proof. I am sorry, but eye witness accounts are weak proof, anecdotal at best in the scientific community. So, bearing this in mind, we here at the SPIRIT lab built a model of Frank's Box, a device that is currently becoming the rage among paranormal circles and making a certain individual a lot of money. We secured the plans, schematics and theory of operation, and we built it. We operated it and analyze it.

I spent a day with my Father-in-Law and we dissected the schematics. Let me add a little background. My father-in-law works for a lab in Northeast and is a rocket scientist. He has been a great inspiration to me in the debunking of some, and investigating the reality of other paranormal phenomena. We noted that the current device shares a lot with its infamous predecessors, the Spiricon er com, and the psychophone.

First of all we were highly entertained by the technical write up. The author claimed to have little technical knowledge, and we believe him. The term "Random Voltage Generator" is a hoot. The correct term should be Gaussian noise generator. He employs a simple reversed bias transistor circuit that generates, well, noise. Then he amplifies the hell out of it. Then, it is run through some filter circuits that effectively set the white noise operation firmly in the audio spectrum. There are many paragraphs dedicated to this circuit, but the simple reality is, it's a noise generator. It starts oscillating based on the first noise that it picks up, which can be anything. Then the whole circuit continues to randomly oscillate, with no particular order to its wandering. An AM tuner is also placed in the mix. Lovely, now we not only have Gaussian noise, we have AM signals coming through. Additionally, there is a speaker that is mounted in an "Echo Chamber". The box is very small, so the echo is more imaginative than quantitative.

My father-in-Law by now is laughing so hard he has tears rolling down his cheeks. What the BOX is electrically is a very crude synthesizer. It beats AM, noise, background audio, and God knows what else and spits out modulated and unmodulated audio. In fact, my Father-in-Law believes it will produce voices anywhere, haunted or not.

The antenna employed is also problematic. It is too small to receive audio from the spirits, as a quarter-wave antenna for the audio spectrum would be in the neighborhood of 68,000 miles long. It is also far too short for the AM receiver built in. It is about the size required to be a quarter wavelength for 2.4 GHz, which is the densest frequency band in the RF band. This band contains wireless microphone transmitters, Cordless phones, WiFi networks, and essentially everything covered by FCC regulation 802.11.

We are both deadly certain people are hearing voices from this box.

So I built one. Fired it up. Twirled some knobs and heard voices. The kid up the street with his GFRS Walkie Talkie? Comes through clear as a bell. My neighbors cordless phone? I can here their pizza order. It picks up everything. By twirling the knobs, we can make it talk. It certainly is a lot of fun. But so far, I haven't heard from a single dead relative. I do know my next door neighbor is found of pepperoni and mushrooms though. And THAT is a revelation.

On a more serious note. Is it possible, that mixing random audio noise mixed with an unknown quantity of RF could open a portal and allow something to come through? Unlikely, as equipment of different designs do this all over the world with no voices from the dead.

Any experimentation into the realm of Electronics, particularly by someone who claims Edison gave him the design (my question is, if you can already talk to Edison, why build the damn box?) is dangerous at best. And when they answers the critics who have built the box with no success, well they are simply not one of the magic 30 folks that it will only work for.

But the truly astounding thing is I have talked to witnesses that are firmly convinced that they spoke to a dead loved one. It is my belief, that the ability of the operators is responsible for this more than the device is. The same results could most likely be achieved using a white noise generator, a magic 8-Ball, or a deck of Tarot cards.

For all of you contemplating building Frank's Box, let me turn you on to a simpler, easy to assemble device that will most likely produce better results for anyone and its inexpensive. You DON'T have to be one of a magical number of people to use it.

EVP is an electromagnetic field. You are recording it with a transducer (microphone) that responds to the electromagnetic field. IF it is communication from the dead, and they are using EMF to communicate, it stands to reason that EMF can be used to communicate back. So try this out next time. Radio shack sells a small battery powered amplifier with a built in speaker. Get two of them, and connect them to two dynamic mics. Put one in front of you, with the speaker facing away from your mic, and set the other one up opposite of you with the speaker pointed at you and the mic behind it across the table from where you are sitting. Invite a dead person to sit across from you by talking into the mic and having is come out of the speaker as not only mechanical sound, but EMF generated by the magnetically generating coil of the speaker.

Of course as always, be sure to share your results.