Dr Patrick Flanagan's Neurophone

by Katrin Klink

THE NEUROPHONE – BY WORLD-RENOWNED SCIENTIST AND INVENTOR, DR PATRICK FLANAGAN

"Dr Patrick Flanagan is one of the world's greatest scientists."
David Wolfe

Many years ago, Dr Patrick Flanagan wrote that the story of his Neurophone could be likened to a James Bond novel, full of intrigue and subversion, even danger. As a result of being born with a brilliant mind, various powers have attempted to harness his prodigious ability and control his inventions for their own purposes over the years, and as a result, his life has been a roller coaster of unbelievable drama.

Dr Flanagan was born in Oklahoma City on 11 October 1944. As a two-year old toddler, he amazed his parents by unscrewing a precision compass and completely deconstructing it when they weren't looking. He didn't use tools, just his little fingers.

When he was five years old, he demonstrated the ability to not only disassemble devices, but to also reconstruct them perfectly. He possessed an inherent passion to find out how these devices worked and took apart everything he could lay his hands on. As a teenager, Patrick capitalized on his talents by earning money repairing television sets in his neighborhood. He used this money to expand his laboratory so he could continue his research. He was acknowledged to be a child prodigy, which sounds advantageous, but life was not always easy for him.

Patrick's father worked in the oil exploration industry for a large American corporation. The Flanagan family moved to new towns often. Patrick ensconced himself in the cellar or attic, reading tirelessly. He was a sponge for knowledge. By the age of fourteen, he had trained himself to read with unbelievable speed. He was able to read 14,500 words per minute, with a comprehension rate of over 90 percent. He told me that the only limiting factor was the physical act of how quickly he could turn the pages. Due to his eidetic memory, he was able to read about ten to fifteen books a day, with total recall.

As a result of this inexhaustible thirst for knowledge, Patrick became a "walking encyclopedia". He virtually read entire libraries and achieved a great comprehension of several fields. He began with children's books, but quickly moved to adult literature and honed in on subjects he was especially interested in, such as chemistry, physics, electronics and psychology.

When he was eight years old, Patrick had a dream that influenced his life for many years to come. He dreamed he was flying over the ocean in a plane, all by himself, when suddenly the plane's engine stopped and he had to make a forced landing on a small island where only a few palm trees grew. The island was uninhabited and as he deliberated on how he could get rescued, a UFO landed next to him and some aliens disembarked. They had a small device, similar to today's laptops, and a

helmet with electrodes and cables on the inside (back then, computers were still adding machines and were the size of a living room). He asked the aliens what their plans were, and they responded that they intended to measure his knowledge and intelligence. If he did not meet the minimum standard, they would destroy him and every human being on earth. That was the end of the dream. In the following few years, Patrick experienced this dream repeatedly. It usually happened when he periodically stopped his intensive learning and research.

With his inherent drive and motivation, Patrick achieved a comprehensive knowledge of various fields, and acquired great skills in electronics, all before the age of ten. He read, for example, about a "Russian sleep machine" that was developed for a Russian cosmonaut program. The machine was able to influence brain waves with flashes and sounds. Half an hour of sleep with the sleeping machine was the equivalent of eight hours of normal sleep. Patrick copied the device - when he was eight - to have more time for reading and learning. In other words, he developed his own version of the device, without instructions, based solely on the description of it. He was invited to present his sleeping machine at an inventors' trade fair in Washington and received the "Inventor of the Year" award from the Patent Office. From that time onwards, Patrick only slept four hours a day and worked in his laboratory at night, when everybody else was asleep.

A few years later, however, he had an experience that made him turn away from this technology. He had gone on a solo flight. (Patrick received an amateur radio license at the age of twelve and received a pilot's license at the age of seventeen.) He started the final descent at dusk. His plane's propeller blades "chopped" the reddish light of the setting sun in exactly the same rhythm as his sleeping machine, and Patrick fell into a deep slumber. The plane was in free fall and was dangerously close to the ground when the sound of the plane's engine woke him up. Patrick was able to nose the plane upwards at the last minute, avoiding a crash and landing safely.

There were also other experiments that had more dramatic outcomes than he had planned. On one occasion a paperboard rocket launched accidentally and lodged itself in the wall of his lab. Even his more controlled research programs sometimes had unexpected repercussions. As he had done with his sleeping machine, Patrick took part in an inventors' trade fair again when he was eleven. This time he had built a guided missile detector and recorded all rocket launches and nuclear tests made by the US and Russia for months. These were of course secret tests, not meant to be made public. He came in first at the trade fair again. The jury was impressed that he had built most of his guided missile detector from electronic waste, and had only spent five dollars on additional components. He said he could have built a really good detector with twenty dollars.

When he was back in school the following day, the Principal paged him .. "Patrick Flanagan, please come to my office. You've got a phone call from the Pentagon." The American Defense Ministry had found out about the data recorded with the guided missile detector, which was data classified as "top secret". The publication of the data alarmed the Pentagon. A five-star General was on the phone, and he

interrogated Patrick as to how he could have obtained access to the secret data. Patrick told him he had developed a device that had recorded the data.

The General asked Patrick if he would agree to army officials investigating his device and shortly after this a team of experts from the nearby Wright-Patterson Air Force Base arrived and examined Patrick's missile detector. They confiscated the device and Patrick did not hear anything about his invention for some time. The military informed the public some time later that they had developed a new device that could detect rocket launches. Patrick's detector had been installed in an American defense satellite and was now recording Russian rocket launches for the American Defense Ministry. Patrick was of course curious to learn more but all he was told was that everything was top secret.

A child's invention had become the basis of a new technology used for national defense. The Pentagon refused to pay Patrick for his invention, but they appointed the young genius as a military adviser.

THE NEUROPHONE – THE BEGINNING

This was not the last time the Pentagon became interested in Patrick Flanagan's research and inventions. A few years later, when he was twelve, Patrick developed another device that caused a rumpus: The Neurophone.

The Flanagan family lived in Houston, Texas back then. The schools in Houston regularly organized "Science Fair" competitions. Patrick looked at the projects that were suggested and thought they were all too boring. Looking for a slightly more challenging project, he remembered a book he had read. Hugo Gernsback wrote one of the first science fiction stories ever in 1911, "Ralph 124C 41+".

In his book, Gernsback gives a detailed description of a highly technologised society that was beyond imagination at the time but for the most part has become reality today - for example fax devices, visual telephones, etc. The novel's main character owned a device Patrick found very interesting: The hypno bioscope.

The device directly transferred information to its sleeping user's brain via electrodes, everything from directed dreams to the latest news of the day. This device would make it possible to learn even more quickly and Patrick decided to "copy" it. He received a letter from Hugo Gernsback some years later. The writer thanked Patrick for having turned his hypno bioscope into reality.

It took Patrick six months to develop the prototype of his first Neurophone, for which he again mainly used electronic components such as an old audio amplifier, an old record player and other parts from around his home. He made improvised electrodes out of metal kitchen sponges. One night, as his family slept, he finally managed to hear sounds with his device. The sound quality was bad, but his "electrodes" actually transmitted sound signals to the brain via the skin. His invention worked!

It took more than 45 years until Martin Lenhardt, a scientist from the University of Virginia, found out how the Neurophone's sound transmission works[1]. Lenhardt studied the human perception of ultrasonic sound signals and used a slightly modified version of an early Neurophone.

When he developed the first Neurophone, Patrick found out through experimentation that the Neurophone's sound transmission works best with square waves in the ultrasound range. Humans cannot hear ultrasound, while whales, dolphins and other animals communicate in this frequency range. Lenhardt found that humans also have an ultrasound organ, the saccule, which is a small bed of sensular cells in the inner ear. He was therefore able to explain how the Neurophone worked - many years after it was developed.

Patrick developed an encoding system for sound information and - coupled with the Neurophone's basic ultrasound signal - transmits them to the saccule via skin

[1] Martin L. Lenhardt, Ruth Skellett, Peter Wang, Alex M. Clarke: "Human Ultrasonic Speech Reception". Published in: Science, New Series, Vol 253, July 1991 (published by the American Association for Advancement of Science).

vibrations and the nerve tracts. There are nerve connections between the saccule and certain areas of the brain, including the long-term memory area. The signals are decoded in the brain and interpreted as sounds. With the Neurophone, Patrick has discovered an additional sense that has not been used so far but is available to everybody: hearing via skin and ultrasound! Patrick believes our ancestors might have communicated directly with whales and dolphins; why else would we have such an extraordinary physiological similarity to these animals and be so fascinated by them?

The Neurophone makes its user a part of an oscillatory circuit, that is, a kind of radio receiver, and can actually be used for accelerated learning, as described in Gernsback's book. Patrick says a study found that with the Neurophone, the learning speed is five times higher than with ordinary accelerated learning methods. One of Patrick's employees learned Hungarian when he had learning information transmitted by the Neurophone (he is married to a Hungarian woman) while reading other unrelated material or just relaxing.

The Neurophone can influence the active frequency range of our brain waves and synchronizes our two cerebral hemispheres within minutes. In our normal waking state, beta waves predominate in our brain. Beta waves are related to attention, excitation, concentration, but also to fears and stress. When you use the Neurophone, the brain will mainly produce theta and delta waves:

- In the theta range, our creativity is being stimulated. The theta wave range is also predominant in our brain when we are in deep meditation. Simply stated, using the Neurophone can be compared to a kind of deep meditation, but while in waking state.

- Delta waves mostly occur in deep sleep, they also stand for a state of deep relaxation and calm. The self-healing power is activated in this state by the production of certain hormones and other things. Using the Neurophone creates similar effects after a short time. This is why Patrick says that using the Neurophone activates in the body a kind of "healing mode".

The Neurophone attracted more attention than that of the public at the inventors' competition. Patrick also presented it during a speech to amateur radio operators. Among the audience was a reporter from the "Houston Post" daily, whose granddaughter had become deaf after contracting meningitis. After the speech, he approached Patrick and asked whether it was possible that his granddaughter could hear with the Neurophone.

Patrick suggested that he try it out. The girl was indeed able to hear music with the Neurophone that was connected to a record player. The reporter wrote an article, the AP (Associated Press) news agency picked up on the topic and spread it via its news ticker. After that, over 300 magazines published a picture of the young inventor on their front pages, and many articles were written about the Neurophone. Patrick presented his invention on TV and LIFE magazine sent reporters to meet the Flanagan family, who accompanied and were interviewed with

Patrick for a few days. The "child prodigy's" story was published in a special edition of LIFE Magazine in 1962. Patrick was 18.

Patrick received over one million letters and inquiries about the Neurophone from all over the world that year. Some of them were addressed merely to "Pat Flanagan, inventor, Texas".

Patrick struggled for years to get the Patent Office to patent his invention. Together with a friend of his father, who worked as a patent lawyer at his father's company, he wrote the patent application himself. The Patent Office, however, rejected the application, stating that "such a thing has never been invented before and the device cannot work". Patrick was very surprised, to say the least, as the Patent Office's task is to patent new inventions.

Patrick did not accept the rejection. He eventually found the money for a patent lawyer who told him to take the device to the Patent Office and present it there personally. At the Patent Office, the examiner introduced them to a deaf man who was employed there. The examiner promised Patrick that he would re-open the case if the deaf employee could hear with the Neurophone. Patrick connected a record player to his device and played a Maria Callas record. The employee, an opera fan, was actually able to listen to music for the first time in many years. He cried tears of joy - and Patrick, the patent examiner and the lawyer also cried. For the first time in the history of the American Patent Office, an already closed file was re-opened. The examiner backdated the patent to the date of the original application, which was some years earlier. This became very important later, as an inventor called Andrej Puharich had meanwhile sent in an application for a similar patent. Puharich later unsuccessfully tried to appeal against Patrick's patent. The patent specification describes the Neurophone as an "electronic telepathy device". And that, again, interested the American Secret Service. Patrick's new invention did not only interest the public, but also the American Secret Service.

The patent specification and the device were subjected to an obligation of secrecy for national security reasons. Patrick was not only forbidden to talk about the Neurophone in public, but he was also banned from continuing to work on it under threat of prosecution. In addition to this, he had to provide the names of everybody who knew about the Neurophone. They threatened to convict him of treason, which was punishable by death by firing squad. At the time, Patrick was not even twenty years old. It took several years, and the unexpected support of somebody else to finally have these restrictions reverted.

In addition to the Secret Service, various other parties were very much aware of the Neurophone and the young inventor's potential. One of them was Admiral Red Rayburn, who was the Director of the CIA at that time. He met Patrick at an event where the inventor received the "Gold Plate Award" for the Neurophone. Rayburn offered Patrick a scholarship to attend any university in the world, plus an annual allowance of $30,000, which was a tremendous amount of money then, the proviso being however, that Patrick would work for the CIA for five years on completion his studies. Patrick declined the offer. Nevertheless, Admiral Rayburn assisted Patrick in retrieving the Neurophone from the Secret Service. He did though, offer Patrick a

deal. He told Patrick that they had been looking for an "unbreakable" encryption code for years, but nobody had been successful. In return for Patrick formulating an unbreakable code, Admiral Rayburn promised he would make certain the Neurophone ban would be lifted. The Neurophone technology is also based on an encoding or encryption system: Sound information such as language or music is encoded, included in the ultrasound signal, and again decoded in the brain. Patrick had become highly proficient with computer code while working on the Neurophone, and he delivered Admiral Rayburn an unbreakable code within a few weeks. Rayburn kept his promise and Patrick was finally able to work with the Neurophone again.

Dr Dwight Wayne Batteau also saw the Neurophone's potential. At the time, Dr Batteau was working on a project exploring communication between humans and dolphins, funded by the US Navy. He realized that the Neurophone had the potential to help the project succeed and got in touch with Patrick. Dr Batteau believed that dolphins communicated on many levels and that the Neurophone could open a channel that was not accessible in other ways.
Patrick had already been offered a lot of money for the rights to his extraordinary invention and had always declined them. Dr Batteau also offered him money in the form of shares in his company, a position as Vice President of the research department, and collaboration in the human-dolphin communication project. In addition to this, he offered to assist Patrick in determining exactly how the Neurophone worked, and to research other possible applications.

Dr Batteau developed a test that made it possible to show that the Neurophone actually uses a sound transmission way beyond the normal auditory channel. Dr Batteau was a professor of physics and mechanical engineering at Tufts and Harvard. Together with some students, he designed a sound transmission test that proved the Neurophone transmits sounds via an additional sound transmission channel that has nothing to do with our ordinary hearing or bone conduction, that is, the transmission of sound via bone vibrations. Dr Batteau and Patrick were also able to decode the codification system with which the human brain analyzes and decrypts sounds. One of the advantages of the Neurophone is that its way of transmission bypasses the filters that normally shield or interfere with sound information, and can therefore affect the transmission to the brain. When you, for example, get distracted while driving a car and start thinking of something else, your subconscious takes over and you can drive many kilometers without making an error, despite the fact you are not consciously paying attention.

In the same way, our brain is able to completely shield us from ambient noises if we concentrate strongly. This is performed by our subconscious, that is, we cannot control what is being shielded. The Neurophone sound transmission bypasses these filters and transmits the complete information to the brain.

The scientists developed a kind of basic vocabulary to be able to communicate with the dolphins. The human-dolphin communicator developed by Patrick and Dr Batteau transformed the human language into dolphin sounds and vice versa. They

used a version of the Neurophone as an interface (Patrick Flanagan called it an "electronic Corpus Callosum"[2]) between humans and dolphins.

The experiment was originally intended to make it possible to give the dolphins simple orders. In the end, however, the dolphins turned the tables and started giving orders to the humans. That was the breakthrough - but then Dr Batteau died under mysterious circumstances: He drowned in shallow water. The other scientists, including Patrick, wanted to continue with the project, but the Navy cancelled it, terminated the contracts and slashed funds. In addition to this, they classified all research results as "top secret" for the next 50 years .. a fact that did not make Dr Batteau's death any less mysterious ...

Patrick says, however, that you do not need a device to communicate with dolphins. He had taught friends the method at a workshop. He described how humans can create vibrations with their foreheads, which are then transmitted as ultrasound signals in the water. His friends went to the sea and created these signals - and soon dozens of dolphins approached them.

[2] Corpus Callosum connects the left and the right cerebral hemispheres and makes it possible for them to "communicate".

THE NEUROPHONE - EXPERIENCES

Patrick has continually improved upon the design of the Neurophone over the past decades. He believes that the Neurophone is partly the reason for his extraordinary intelligence. One of the many projects in which he collaborated (the NASA space program, amongst many others), was a project to develop an electronic IQ measurement device. Intelligence teams normally use written questions - but that makes it impossible to measure the intelligence of people who cannot read and write. The IQ measurement device measured, put simply, how long the brain needed to react to an incoming signal. The device was tested time and again during the developmental phase, and it was of course also tested on the scientists involved. After testing Patrick, they told him the device's IQ scale ended at 200, and that his IQ was "somewhere beyond this". Patrick was around twenty years of age at the time.

I have personally had many experiences with the Neurophone and have heard many surprising stories from others. Shortly after receiving the first new generation Neurophone (Neurophone DSP) at the beginning of 2012, a family visited me with their child who was born deaf. The doctors were not able to find any organic damage and were completely puzzled. Of course I recalled the story about the Neurophone and the deaf employee at the Patent Office, and of the reporter's granddaughter, but was not certain if today's Neurophone version would have the same effect.

We connected the Neurophone to an external sound source and the child listened to music for the first time in her life. The parents and I were very touched, as was everybody that witnessed Patrick's Maria Callas experiment on the deaf employee at the Patent Office.

You can also connect a microphone with a built-in amplifier to the Neurophone to transmit sounds. I have to add, however, that there is no guarantee that a deaf person will be able to hear with the Neurophone. I have come to realize that it is often harder for people who have been suffering from a hearing loss for a long time to have success, than it is for children. I have also had the experience of witnessing deaf people being able to hear with the Neurophone. In some instances though, these people have found the experience unpleasant, and preferred to go back to the world they were familiar with.

I believe that deaf people should prepare themselves with a kind of "hearing transitional training" with the Neurophone to slowly adapt to the new input. Imagine experiencing a totally new sensual experience that you have never had before. Although it would probably be fascinating, it's likely that you would still need to condition yourself to it gradually.

It is also an unusual experience for people who can hear. You are hearing something inside your head, and not with your ears as you are used to. Most people perceive the Neurophone sound as distorted, like when you listen to a radio

program that is not tuned in exactly to the correct frequency, at least in the beginning.

Several Neurophone replicas are being offered today. Some vendors even claim to have “improved” Patrick's Neurophone. Some of these devices actually do have a better sound quality, and therefore I once asked Patrick why he had not improved the sound quality of his new Neurophone models. He told me that it was of course easy to improve sound quality but that there were other important factors to consider. The Neurophone has not primarily been designed to transmit pure sound, but to transmit the ultrasound signal in the most optimal way in order to provide the corresponding effects. Improving sound quality would result in compromising the Neurophone's original functionality.

It is indeed not important to be able to hear with the Neurophone. If you really want to listen to sound information, for example on a language learning CD, you can easily do this with very good sound quality with additional headphones. The “Neurophone effect”, however, also works if you hear nothing or nearly nothing. The important effect is provided by the ultrasound signal, which is not audible. I primarily use my Neurophone with low sound intensity, that is, inaudible, or in the last hearable range and at a very low volume. This is the range in which the “brain training” is most intensive.

Some people have had even more extraordinary experiences with the Neurophone. A Neurophone user called me one day and asked me to explain to him what he had experienced. He gave the Neurophone to a friend for testing and then went into another room of his flat. Suddenly, he heard exactly the same thing that his friend was listening to on the Neurophone, although he was in a completely different room. I had never experienced this effect myself but told him that the patent specification described the Neurophone as an “electronic telepathy device”, and that this is what the user must have experienced.

My own most astonishing experience with the Neurophone took place one night after I had fallen asleep with it. I often use it in the evening, and place the electrodes somewhere where I can easily remove them when I'm half asleep. When I lie on my back, I put them below my collarbones. That night, I had read a book on frequencies and hyper communication with the Neurophone. I woke up, still that night, to find myself in an unusual state of consciousness. I was seeing a complex theory on the link between gravity and consciousness. This is not exactly a subject I usually work on or think about, and it was a kind of live experience of a physical problem. The easiest way to describe it is, it was like I was in a holographic 3D model of the theory. I was virtually able to walk through it, look at the details and analyze everything from various perspectives. And yes, I did double check that I was actually awake, and I was. I experienced knowledge in a completely new way and I thought that this was probably the state of consciousness in which Patrick was all the time.

This went on for some time. Being conscious and awake, I experienced something really extraordinary. I had access to a kind of knowledge that is normally blocked. I'd say today that there is a quantum physical explanation for the phenomenon.

Like all information, and like everything actually, knowledge can be seen as a kind of field. I had unblocked a kind of channel to a knowledge field - that's why I perceived it holographically - fields are holograms.

When I awoke the next morning I immediately tried to recall as many details as possible. I still remembered the theory, but it had become two-dimensional and the holographic experience was gone. During the night, I had been able to go deeper into the field when I wanted to explore something or know more details, and had then been able to access the next level of information. In the morning, I was still able to remember and sort the information I had received, but that specific possibility was gone. I did not know whether the information I received during the night was real, and I had no time to find out during the day.

In the evening, I again went to bed with my Neurophone, and continued reading my book. The next chapter described exactly the information I saw the night before. Not only did I have the confirmation that the information was right, there was now another phenomenon I wanted an explanation for: was it really a coincidence that I, of all people, had "experienced" this physical theory, or was it something like a projection? Did I see into the future? I realized that I had "read" a chapter of the book that I hadn't yet seen .. that I opened the following evening.

Unfortunately, I haven't had a repeat of this experience as yet, but it has impacted me deeply. Gernsbach described the hypno bioscope slightly differently but, all in all, the basic principle was to make knowledge accessible so it could be "downloaded". Patrick calls his inventions "downloads" and says that the necessary information is delivered to him, often after a period long and fruitless research. In the end, the important point is to be able to find the right "access code", the right wave length to be able to "tap" into the field. I have experienced this during one very fascinating night.

Patrick has described another state of consciousness in which apparently impossible things become possible. It's the delta state, which is incited by the Neurophone. Patrick once told the story of the well-known Formula 1 driver, Graham Hill. He was introduced to a young woman at a party after one of the races. He welcomed her and told her he had seen her at the race. She answered that it was impossible as he drove at a speed of several hundred kilometers per hour. Hill, however, was able to tell her where she had been sitting and what dress she had worn. Graham Hill's brain waves were examined and it was found that he produced pure delta waves during races. This special state of consciousness made it possible for Hill to experience everything in slow-motion, despite driving at a speed of 200 miles per hour. He was able to clearly observe the spectators' faces, clothing and other details.

I have experienced something similar. During a life-threatening car accident, I felt as if I was observing the crash in slow-motion, and I was fully conscious of the fact that the car was crashing into the guardrail at roughly 100 kilometres per hour. This state continued until we had all safely left the car. Patrick also says that he was in two life-threatening situations during which his brain produced so many delta waves

that he was able to spontaneously switch to the delta state to see everything in slow-motion.
In addition, when I had the car accident, there was also a holographic aspect to it: I processed more information in the few seconds after the actual crash than I would have been able to process in a normal situation. That's what we experience as our "normal" state of consciousness, but it is obviously only one of many ways to perceive the world.

My normal state of consciousness was in the background and transmitted information such as "the radiator is smoking", "we have to get out" and "the door is blocked", whilst the "delta consciousness" allowed me to take the necessary steps in slow-motion and be perfectly calm. Patrick also has an interesting story to tell about these two different states of mind.

In the 70's, the Menninger Foundation studied extraordinary states of consciousness, and an Indian master, Swami Rama, offered himself as a subject of study. Swami Rama was able to switch into states of consciousness in which he was able to control body functions that normally, "officially" cannot be influenced. He was able to change his body temperature and reduce his breathing to nearly zero. During one of the most amazing experiments, he deliberately reduced the temperature in one half of his hand, that is, one half of his hand was warm, while the other half was cold.

When Patrick heard about these experiments he said: "But I can do this too". He had worked on yoga and meditation when he was still a child and, of course, he used his Neurophone every day. Patrick was connected to an EEG device that recorded his brain waves and he soon entered a state of deep meditation in which his brain produced delta and theta waves. He, however, sat there with his eyes wide open and solved complicated arithmetic problems while meditating.

The Neurophone may not be a magical device, but it surely is a wonderful device. The new models are small and handy, and mine has accompanied me on many journeys and helped me enormously. It is not a healing or medical device, but if I were asked to describe what it does, what I have experienced .. I would not give a scientific or technical description but just say: The Neurophone balances and centers. The relaxing effect - a side effect of the delta wave production - begins very quickly and has "saved" me more than once when I was stressed or affected by negative frequencies.

Years ago, I sat at the railway station after a professional training and had received an "over-dose" of frequencies that my system could not process during the day. I was very sick and I was hardly able to stand. I really was on the verge of going to the railway mission, as I was hardly able to move. But then, I managed to get on my train after all. I put the Neurophone on and fell asleep for half an hour. After that, my system was feeling better. I felt like I had had a bad flu, but I was more or less okay then.

THE NEUROPHONE TODAY

Even after all these years, the Neurophone is one of my favorite projects by Patrick Flanagan. He launched the upgraded version of an older Neurophone model, the NF3, in fall 2012. He once told me that he had always "stood at crossroads" during development. We had talked about other developers who produced Neurophones of a similar design who claimed to have "improved" them. Patrick sometimes tests these devices, but none of the other developers has actually discovered or understood the secrets hidden in the Neurophone. A patent specification is, of course, publicly available, and as this is clear from the start, no developer will include the every secret in it. Today, you can even find DIY manuals for Neurophone devices on the internet. Even if you "measure" the physical information with technical devices you will never discover the deeper secrets.

Developers who work on improving the sound quality have not understood how the Neurophone works. The original Neurophone was not focused on sound transmission, but on the ultrasound transmission to the brain and the consequent balancing effects. Providing a basic signal frequency that enables the user to hear better would affect the fine-tuning of the interaction with the user. The Neurophone has a built-in feedback-system which fully adapts to the user. Depending upon the user's state on the day or his or her level of stress, an adjustment of intensity or further fine-tuning is necessary.

Although the original version of the NF3 Neurophone, the NF1, was an older model (to put it correctly: the predecessor model of the Neurophone DSP), it had a more exact fine-tuning than the later models. You can test it yourself: Like the DSP, the NF3 has a turning knob for adjusting the "sound volume", which is really an intensity fine-tuning. Like Patrick has said, it is good training for the brain to adjust the knob in such a way that you can still only just hear the sound (either random noise or an external sound signal). You will find that you need a higher intensity on stressful days than on days when you are already in a relaxed state.

Quantum physics has shown that we are not only matter, but also energy. Strictly speaking, we are ever-changing energy fields. Each of our cells is such a field, and 100 trillion cell fields are dancing a never-ending cosmic dance, during which they react to the fields in their vicinity. From a quantum physical perspective, we react to everything around us this way. This "dance" includes both "positive" signals or influences, as well as "negative", indiscriminately. In a radio interview with Jeff Rense, Patrick has described experiments that have demonstrated how "disturbance frequencies" are affecting cells. Hens' eggs were placed in an incubator and exposed to disturbing signals. The consequence was that the chicks showed several mutations. The eggs were not exposed to chemical or toxic substances .. only to frequencies/signals which interfered with the natural frequency of the chicks. After that, various shielding technologies designed to protect the eggs in the incubator from the disturbing signals were applied, and healthy chicks were born from those eggs as a result. The decisive factor was to send the eggs (ie their cells) "healthy" signals for a certain time period every day .. repeatedly. The experiments proved

that cells that were able to "connect" to positive and healthy signals regularly, resulted in their natural vibrations being strengthened, and significantly protected from disturbing signals. Patrick therefore recommends that the most effective use of the Neurophone is not necessarily for lengthy periods without interruption, but to entrain your cells to a pattern of regularity .. even a quarter or half an hour a day can make a difference to your cells.

This is also the answer to the question that I have been asked time and again: Does the Neurophone create a kind of habituation effect or an "addiction" if you use it for a long time? Our cells never stop interacting with their environment. In other words, we "feed" them with all signals or frequencies we are exposed to. It is important to understand that not only such things as mobile phones or radio frequencies are "dancing partners" in the cosmic dance, but that everything is frequency. Einstein's famous $E=mc^2$ means, simply, that energy can be translated into matter and vice versa. The physicist Brian Green explains this concept with the analogy of currency. If we equate energy with the euro, and matter with the dollar or yen, both could be changed from one currency into the other, but the essence, the value, would stay the same. Correspondingly, matter and energy/frequency/vibration (which are only different expressions for the same "currency") have the same value but are taking different forms. Every apple, every piece of music, every thought, every world and every feeling has a frequency or a vibration that can influence the dance of our cells, at least if the vibrations are similar. This is also called resonance.

With the Neurophone's built-in feedback mechanism, which is especially responsive to the user, the NF3 can easily create resonance and make it easier for the cells to "connect". The Neurophone's basic signal (the ultrasound square wave) or the frequencies, which are fed into our system via an external sound source such as a CD, are only an additional "food source" for our cells. We know, however, that this "food source" has balancing characteristics. Studies have shown that heavy metal music and a piano concert by Mozart influence our system in significantly different ways. Consequently, there is of course, also a huge difference between being influenced by high voltage lines and a Neurophone.

Our cells, however, will always react to signals in their environment without exception, and transform them into matter over time if the same signals are received regularly (as the hens' eggs experiment clearly demonstrated). The influence of frequencies will cause matter to change. An "habituation effect" will only occur in the sense that we will become less attentive in our perception in the long run if we regularly do or experience something. This is why I personally always have some days when I don't use the Neurophone .. so I am able to rediscover it afterwards. I will then be more aware and attentive to the changes it causes in my system. Our cells, however, are thankful for all positive frequencies we give them, every day.

The new Neurophone NF3 has an improved feedback mechanism, which regularly adapts itself to the user. You can use it with its basic ultrasound signal, or with additional sounds from external sound sources like a CD player or a mobile phone. These external sound sources are then directly transmitted to the brain via the "Neurophone transmission route", which bypasses the normal hearing process.

The Neurophone does not merely transmit a specified frequency. Its basic signal operates at a frequency that enables an optimal transmission of the encoded information via the skin and the saccule to the brain. There are replicas of the Neurophone that make it possible to choose additional frequencies, and it is claimed to that this enables "improvement". It is not necessary to use additional frequencies. The major element of the Neurophone's beneficial effects are, however, reliant upon the basic ultrasound signal. It reaches a very deep level of our system .. not only the physical body, but also its energetic makeup, that is, the astral body.

Scientists today believe that the healthy effects of "dolphin therapy" are not only attributed to the fact that people love these amazing animals, but that the exposure to ultrasound waves alone (which are especially well transmitted in water) have a significant effect. If you wish to experiment with the use of additional frequencies you can use the Neurophone CD you receive with the device, or any other learning or meditation CD. Many other Neurophone providers offer a wide range of additional and expensive CD's. The fundamental process is, however, quite simple. The Neurophone encodes all sounds connected to the external sound source, such as learning information or relaxing music, and transmits it to the brain. Specifically modified sounds are not necessary.

The CD that is delivered with the NF3 Neurophone has five audio tracks. The basis is always the sound of flowing water. The DSP and GRS Neurophone models use artificial noise, but the NF3 has a natural, conducive to relaxing, sound. Patrick has provided further frequency information, for example, for improved learning, relaxation and health.

It is remarkable that many people who react sensitively to electronics are interested in the Neurophone, and I have received much interesting feedback from them over the past few years. They say that the Neurophone actually helps to offset external influences and reduces pollution, as described in the interview. I have met people who will only leave their homes with the Neurophone.

I want to draw your attention to and emphasize again that Patrick states in his description of the Neurophone, that permanent results are not achieved in singular or sporadic use. Results come from regular use, which entrains our cells to connect to healthy signals. Personally, although I use the Neurophone regularly, for example when I read in bed in the evening, I also make additional use of it when I am very stressed to offset that additional pressure.

My recommendation to people who are very sensitive to electronics, are under extreme pressure or are very sensitive generally, is that they start using the Neurophone slowly and gradually. I would start with 15 minutes, possibly several times a day, and slowly increase the utilization time.

Having said that, I have also met people who bought a Neurophone, used it 24 hours a day, and were very happy with that approach. If any rule at all applies to

the Neurophone, it is that you can determine your individual approach, based on what instinctively feels good for you.

Another frequently asked question is where to put the electrodes. You usually place them on the forehead, which is why the NF3 includes a ribbon for fixing the electrodes to the temples. It is important to always use both electrodes, as the Neurophone transmission only works if the oscillating circuit is closed. The electrodes' small metal plates, which start to slightly vibrate after the Neurophone has been turned on, have to lie flatly on the bare skin (not on hairs). Everybody, however, has to determine for him or herself where on the body the most intensive transmission or perception of a sound is generated from. Generally, body parts without a pronounced fat cover are recommendable, such as the temples or the region around the ears (if the electrodes are fixed behind the ears the sound experience is especially good). You can also put them on the cheekbones or on the forehead. I like to apply the electrodes symmetrically, that is on the right and on the corresponding left side of the body, but I have also tried to put electrodes on the chakra points to assist their flow. Or, I put one electrode on the third eye and another on the heart. You could also familiarize yourself with all of the acupuncture points I would try them too.

Another idea is to put the electrodes on injured parts of the body, and on those occasions, only apply them to one side. Patrick once said in an interview that there are studies that suggest the Neurophone increases the healing rate of patients who had a stroke by ten times. He pointed out that the results do not only refer to people who have had a stroke. The Neurophone generally supports a kind of "healing mode" by amplifying the delta waves. While translating this interview, I decided I would try this the next time I was hurt, immediately after the injury. And then I knew that I had virtually wished for such a situation to occur. Not even a week later I had the opportunity to put the theory into practice. Due to a skiing accident, I had a twisted thumb and at first I was not sure if it was broken. It swelled to twice its normal size and went completely blue. As we were in the middle of nowhere I could not see a doctor, but after coming home I immediately fixed both electrodes to the thumb with a bandage. I slept with the electrodes attached to my thumb that night (and the following nights). After three days, the hematoma was gone. Although it took the joint another couple of weeks to fully recover, after only three days my thumb looked as if I had never hurt myself. The test was more successful than I could have imagined.

The most impressive story I know of happened in Berlin. When I presented Patrick's research work and developments in the city one day, a woman approached me. After a major intestinal operation she had to be nourished by infusions because her intestines were hardly working at all. She had to be connected to a drip for several hours every day. She had a Neurophone at home that she had not used for a long time because she said she was not sure how to apply it. She asked me if it was possible that the Neurophone would help her. Whenever I talk about Patrick's inventions, I reinforce that he does not produce drugs, and that there are no direct medical applications or recommendations for his products .. including the food supplements he's developed .. and such is also the case for the Neurophone.

Our bodies, however, have their own wisdom, and the experience of the past years has often shown me that both small and large miracles can happen if they are stimulated in the right way. The story of the woman in Berlin, however, is one of the most amazing miracles.

I reassured her that she could not make any mistakes in using the Neurophone. My first Neurophone also lay unused on a shelf until I had overcome that concern. The easiest and most comfortable option is to put both electrodes on any part of your body in a relaxed situation, for example when you are sitting on a sofa in the evening, or just before you go to bed at night. You can then turn it on without using an external sound source.

The DSP Neurophone has to be adjusted to "pink noise". If you have an NF3, you use the adjustment for an external sound source, but without actually connecting a CD player or another device. The electrodes can be put to the forehead or to any other part of the body. If I'm traveling or if I want to use the Neurophone in public without attracting attention, I carefully put the electrodes under the waistband of my clothing. If I am at home, I put them on a flat area below the cheekbones. As long as both electrodes are lying flatly on the body and the Neurophone is turned on, the electrodes' softly, invisibly vibrating metal plates (including sound information, if connected) make your skin vibrate, and the skin sends the vibrations through your whole system. As the skin is the body's largest organ, the Neurophone signal consequently not only reaches our brain but also causes countless other cells to vibrate softly, until our whole system is balanced. You can even do this with a partner. If two people each hold one of the electrodes and then touch each other (to close the oscillating circuit), the Neurophone signal flows through both bodies and their vibrations will be in harmony.

I recommended that the woman from Berlin place the Neurophone directly on her stomach area and find out if she felt good when doing so. If that didn't work, I told her to put the electrodes on her head area or any other part of her body. When we met again, she told me that her intestines had started to work again after she had applied the Neurophone for only two weeks. She could now live without the infusions that she had been reliant upon for many years. When I heard from her several months after that conversation, she told me her condition had remained stable.

Don't forget that people react very differently to the Neurophone and have had very varying experiences. This applies to hearing, learning, healing or anything else. People who have a very sensitive body perception often experience amazing phenomena when using the Neurophone. Others use the Neurophone regularly without feeling anything other than a relaxing effect. One user told me that her dog would always approach her when she used the Neurophone, and another user applied it to her dog by placing the electrodes on the hairless insides of its ears.
For me, the Neurophone is a wonderful companion that has helped me to relax for years. It definitely diminishes the impact of stressful situations, stimulates creativity, and new ideas seem to have come from nowhere. I've personally had many amazing experiences and insights.

If you have an experience with the Neurophone you'd like to discuss, we will always be interested to hear about it. In doing so, you'll be assisting in our building knowledge of its potential, and an ever-increasing number of people will benefit as a result.

Katrin Klink, 2012. Special thanks to Catherine Headford for the translation!