

A close-up photograph of a hand turning a vinyl record on a turntable. The hand is in the foreground, slightly blurred, with fingers gripping the edge of the record. The record is spinning, creating a motion blur effect. The turntable's platter is visible at the bottom, with a bright light source illuminating the center. The background is dark with out-of-focus blue and white light sources, creating a bokeh effect.

playNETic

Human Powered Play



All Playnetic products are 100% Human Powered. The user generates the energy. There is no need for external electricity or batteries.



All Playnetic products enhance the playing experience through beautiful audio design.



All Playnetic products are weather resistant.



Playnetic products can enrich the playing experience through LED lighting technology.



Playnetic products offer fun, exciting and challenging games through brightly illuminated push buttons or other forms of input.



Several Playnetic products have a removable USB stick with .mp3 audio files. This allows for easy customization and new content.



All Playnetic products use .mp3 coding format. This is a universally used file format for audio. It allows for easy customization and content creation.

Foreword

Roy Stein, founder Playnetic B.V.



The Playnetic company has its roots in The Netherlands, in a beautiful city called Zutphen. Since its founding in 2007, Playnetic has branched out all over the world. We are proud to have created long lasting relationships with development partners and dealers all across the globe.

What makes Playnetic so special? All of our playground equipment is Human Powered, truly interactive, unique and fun! Playnetic is, and always will be, all about play. Human Powered Play to be exact.

Our products enhance any public space, playground or playing experience. This is achieved by incorporating audio, push buttons, LED lighting, games, education and great design into our products.

Playnetic playground equipment is Human Powered! All of our products and technologies are powered sustainably by means of Human Power, making an external power supply or batteries redundant. Users simply generate energy by playing: jumping, spinning or running.

Play is such an essential part in the development of every human being. Our products invite both young and old to get up and start moving in a fun and interactive way.

Roy Stein,
Founder playnetic B.V.

A handwritten signature in black ink, appearing to be 'Roy Stein'.



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playNETIC



Human Powered Energy

All Playnetic products run on Human Powered Energy. This means that there is no need for any batteries or external power supplies. Children generate the necessary energy simply by playing and having fun! This can be done for example by spinning a handle, swinging, jumping or by pressing a pedal. Playnetic products are fun, sustainable, healthy and rewarding. Plus, they motivate people to start moving! Music, lighting, exciting games, push buttons, water and many more elements play a key role in all of our equipment.





MusicBall

The MusicBall is one of our all time favourites! With their bright colours, fun shape and unique interaction our MusicBalls are loved by many. The fun starts by simply spinning the handle which produces Human Powered Energy. This energy is used to produce beautiful music and stories.

But the MusicBall can also play your own sounds! By opening the service latch you get access to the USB stick. Copy your own mp3 files onto the stick and you're ready to go. It's that simple! The possibilities are endless.





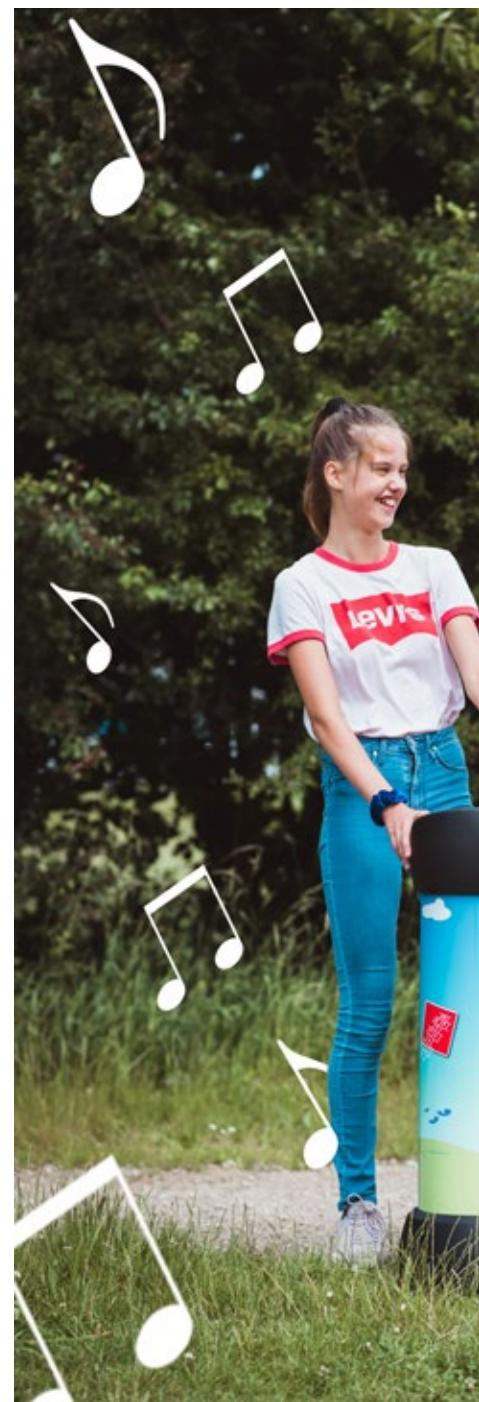




AudioNetic

The AudioNetic is an extremely versatile piece of playground equipment. The interactive and fun experience starts by pumping the foot pedal a few times. Once it's charged with Human Powered Energy, audio will start playing. The AudioNetic can be used in many different ways: packed with all kinds of fun and interesting games, or as an interactive information point, telling the story of a city, company or piece of art. The possibilities go on and on. The AudioNetic offers both fun and education, turning any static experience into a dynamic one!











DJ-Post

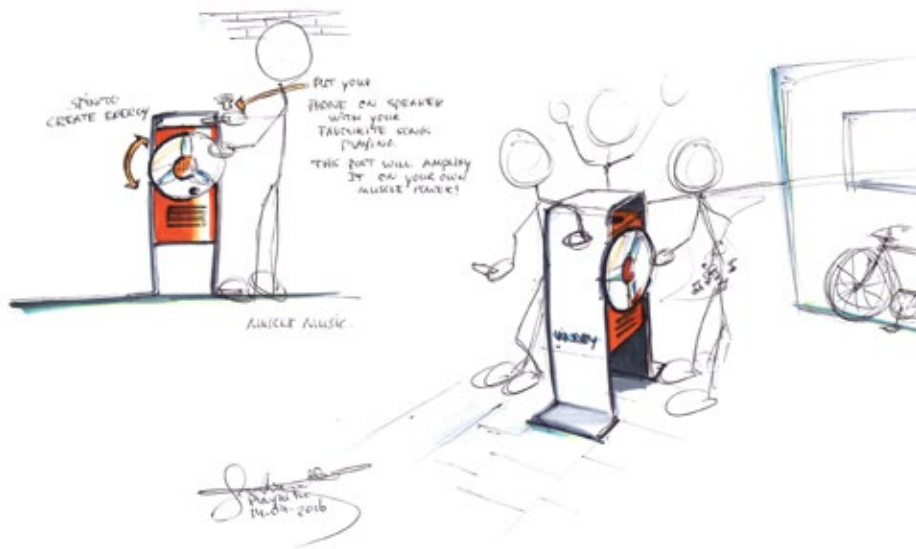
The DJ-Post can turn any dull moment into a party! Take out your phone and select your favorite song, place it on the pick-up pad, spin the wheel to generate Human Powered Energy and enjoy the music! The DJ-Post amplifies any sound that comes out of your smartphone. Youtube, Spotify or locally stored music, it all works. Of course, there's no need for any batteries or power cables, because you generate the energy yourself.







EVERIDGE PLAYS
MUSIC.









AudioBench

Sit back, swing and relax. The AudioBench is a unique bench designed for the public space. By simply sitting on the bench and swinging it back and forth, Human Powered Energy will be generated. This energy is used to make music and sounds! Have the bench play your favorite songs or stories. Or maybe place it in a zoo and add animal sounds. The content can be changed whenever you want by simply putting different sound files on the USB stick. So sit back, have a swing and enjoy!







JumpStone

Jumping has never been this much fun and rewarding. Simply jump on the JumpStone to generate energy and be amazed! The JumpStone uses your energy to create music and other sounds. But the JumpStone can also be used in other ways, like a fitness tool for example. Did you know that 10 minutes of jumping burns about 60 kilo calories? That's the same as 8 Gummy Bears!





GameWall

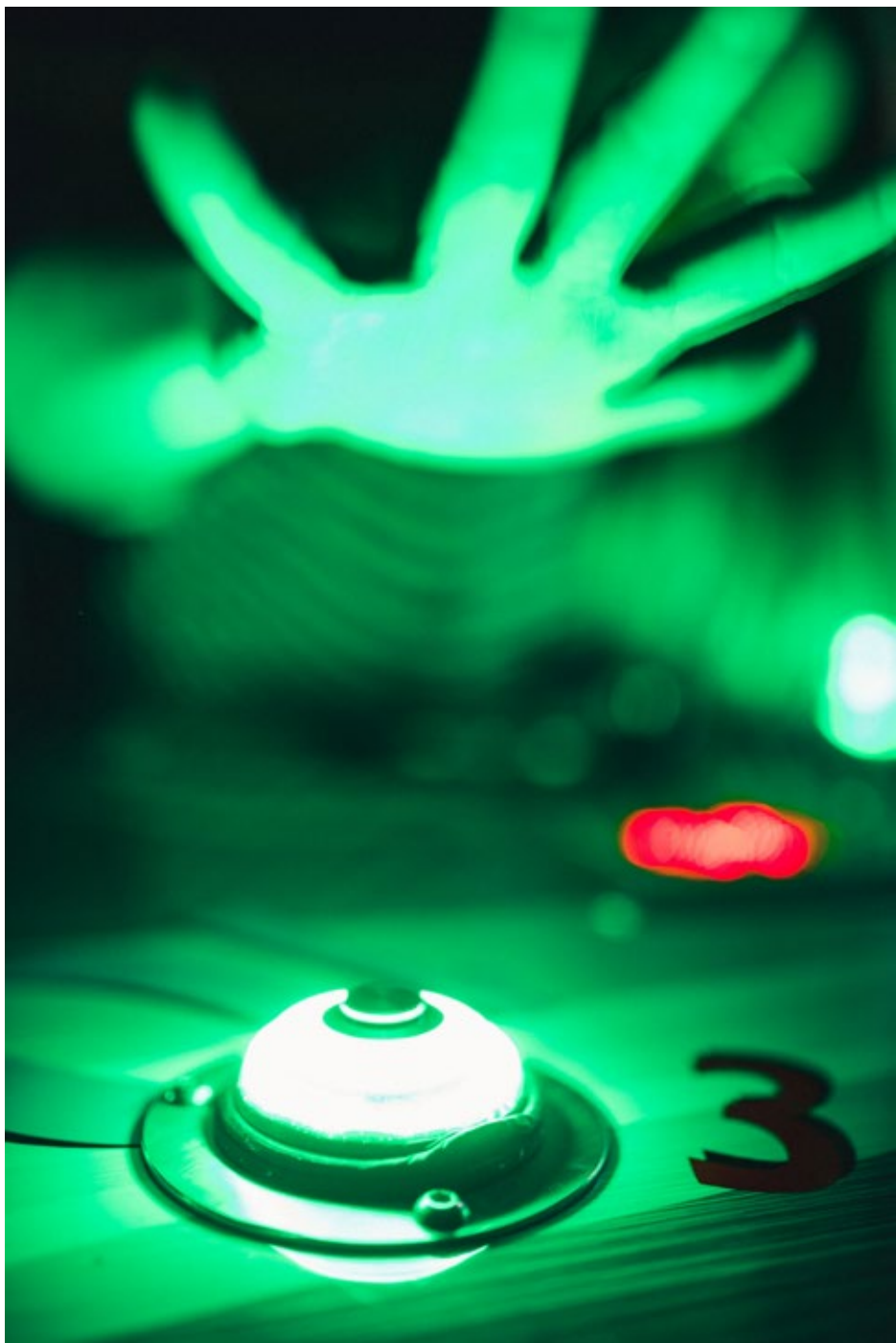
The fun starts by spinning the wheel to generate Human Powered Energy. Both display and sounds will tell you when the GameWall is charged. Now it's time to play one of the four unique and fun games: Speedtest, Lights Out, Reaction or Follow the Light. Big push buttons with bright LED lighting, a clear display and fun sounds create a fantastic playing experience! It is even possible to customize the GameWall with your own designs.













ShotSpot

Spin the handle, generate Human Powered Energy, pick one of the 3 games and go! Play with a group of friends or by yourself, play on one side or the other side! Play with a ball or use your hands and feet! The ShotSpot can be used in a variety of ways. The Shotspot has 6 panels with a sensor and a bright LED inside. You can play the following 3 games by hitting these panels: Sharpshooter, Music and Goal Keeper. The ShotSpot: a fun and challenging way to stimulate the use of both mental and physical skills.





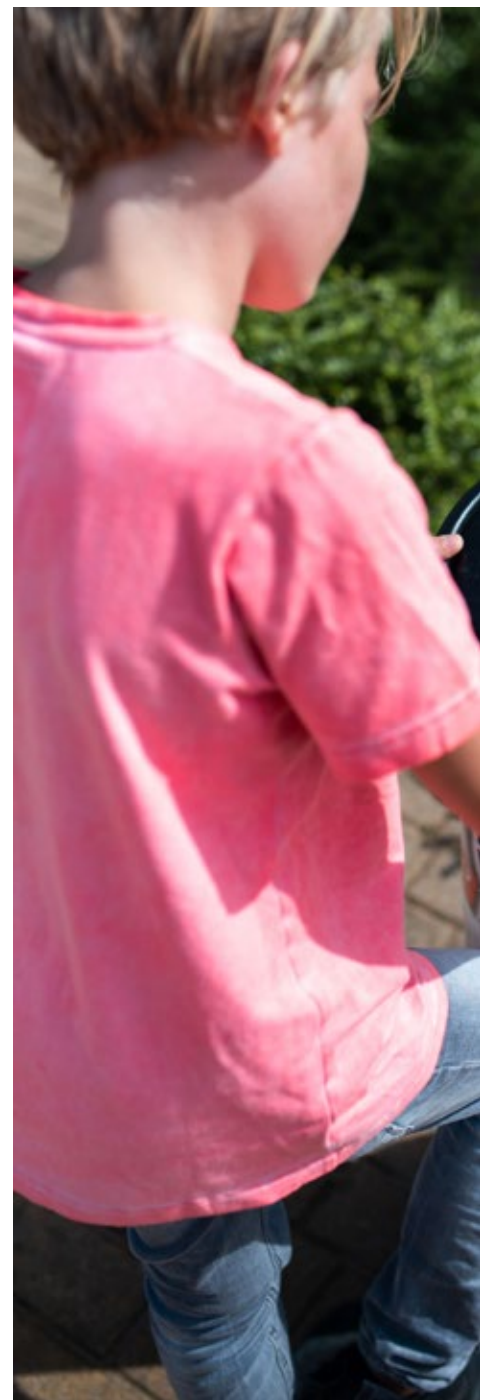




GameNetic

The GameNetic is a game console designed for the public space. Start the game by pumping the foot pedal a few times. Once charged with Human Powered Energy, you can choose from 4 different games. These fun and interactive games are played by using the two brightly illuminated push buttons, the foot pedal and the display. Having a game console like the GameNetic in the public space brings all kinds of developmental benefits to its users. Social, competitive and cognitive skills are just some of the many skills that are stimulated by playing with the Gamenetic.









AudioZone

The AudioZone is a truly unique piece of playground equipment with endless playing possibilities. Spin the handle in the middle to generate Human Powered Energy, pick a game by hitting one of the four Sidekicks and play! The AudioZone can be played alone or with a group of friends. There are four fun and unique games to choose from: Memory, Lights Out, Dance Battle and Follow the Light. Play these games by running around and hitting the Sidekicks. You can hit the Sidekicks with a ball, with your feet or by jumping on them! Music and LED lighting create an unforgettable and fun experience over and over again.







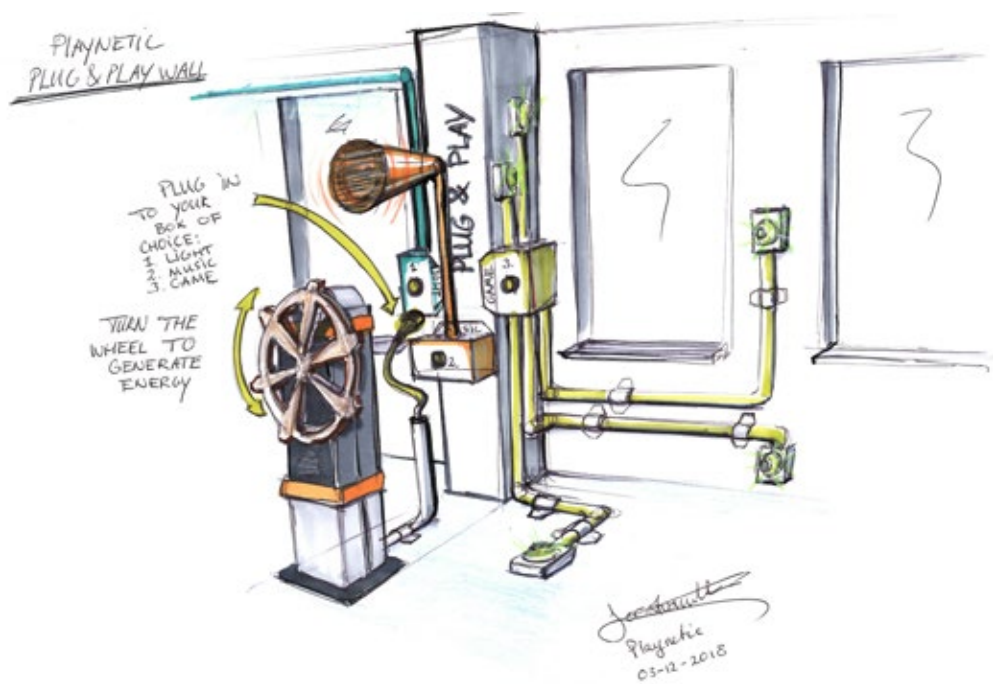
KineticWheel

The KineticWheel takes you to new universes! Start travelling by spinning the wheel, and generate Human Powered Energy to produce all kinds of sounds. One moment you're on a pirate ship, but the next moment you're the pilot of an airplane or perhaps a formula 1 driver! The KineticWheel enhances your playing experience by adding sounds and making it more interactive than ever before, bringing imagination to life.









AudioSense

The AudioSense is something that you've never seen or experienced before! It is a playground equipment that utilizes music and... aroma's! Start by spinning the wheel to generate Human Powered Energy. This sustainable energy is then used to make sounds and spread the smell of almost anything you want: strawberry, lemon, vanilla, aqua, chocolate...







WaterCannon

Spin the wheel, take aim and fire! Our WaterCannon is a unique piece of equipment specially designed for the public space. The WaterCannon does not need any electricity or underground cables since it works solely on Human Powered Energy. By simply spinning the wheel the user generates all the energy it needs to produce great sound effects and to shoot water! There are two ways of shooting water. The WaterCannon can either be attached to a water tap, hence working on water pressure. But it is also possible to just put the hose from the WaterCannon in a bucket of water. Grab hold of the WaterCannon and hold the handles vertically or horizontally to aim and hit your mark. What are you waiting for?

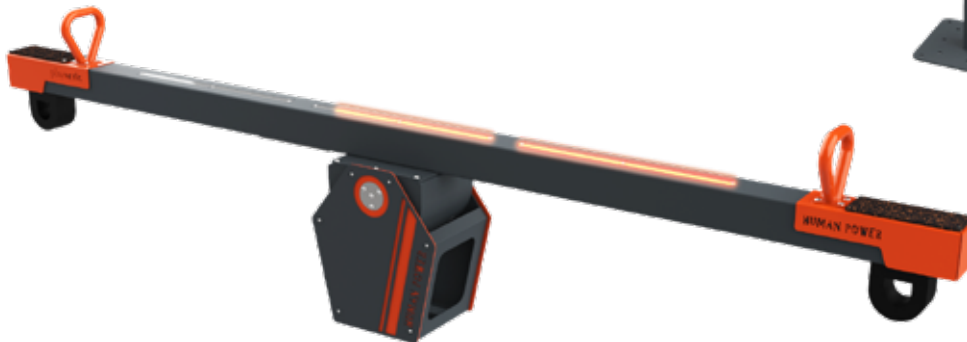






Playnetic Traditionals

Everyone's favorite playground equipment has just been reinvented. No matter where you are in the world, if you go to a playground, chances are that you will find a swing, seesaw or carousel. Playnetic is proud to announce the Playnetic Traditionals Line. By adding our special Human Powered Energy technology we have changed these classics for ever: swinging, spinning or going up and down on the seesaw now generates sustainable energy which is used to produce music and give an incredible light show. The future is now!



KineticSwing

The KineticSwing is one of our latest developments. It improves on the playground equipment that everyone knows and loves, the swing! Start swinging to generate Human Powered Energy, which in its turn produces music and an interactive light show. Can you swing fast enough to light up the swing all the way to the top? Both young and old will have a hard time to tear themselves away from this swing. Time to change the tunes? Simply open the service hatch and insert a USB stick with new songs and enjoy!





KineticSeesaw

Going up and down on the KineticSeesaw will never be the same again! Riding the KineticSeesaw now generates super sustainable Human Powered Energy, which will produce music and an awesome light show with interactive LED lighting. The heavy duty steel material and durable powder coat finish means that this seesaw will stand up to the elements to provide fun for many years to come! A secure rubber stopper is attached under each seat for added safety and comfort. Different music can be played by simply changing the USB stick. Hold on tight to the Kinetic Seesaw because you're in for a ride!

KineticSpinner

Do you have what it takes to take the KineticSpinner for a spin? Hold on tight because you're in for a ride! As soon as the KineticSpinner starts to spin, Human Powered Energy will be generated. This sustainable form of energy is used to produce an epic light show with incredible music. Once the KineticSpinner is fully charged you can press the button for a special surprise effect! Batteries or underground power cables are not needed. The user provides all the energy needed! That's what we call Human Power. Is it time for different music? No problem, just pull out the USB stick and place a new song on it. Bring any playground to the next level with the KineticSpinner!





KineticClimber

Are you strong and smart enough to climb the KineticClimber and play the games? Spin the wheel to generate Human Powered Energy. After a few spins it's time to select one of several games. Play the games by following the light and by touching the seats! Music, LED lighting and push buttons create an incredible climbing adventure! Climbing is one of the key elements for any succesful playground. It's an excellent way to play and develop physical and mental abilities for young and old.

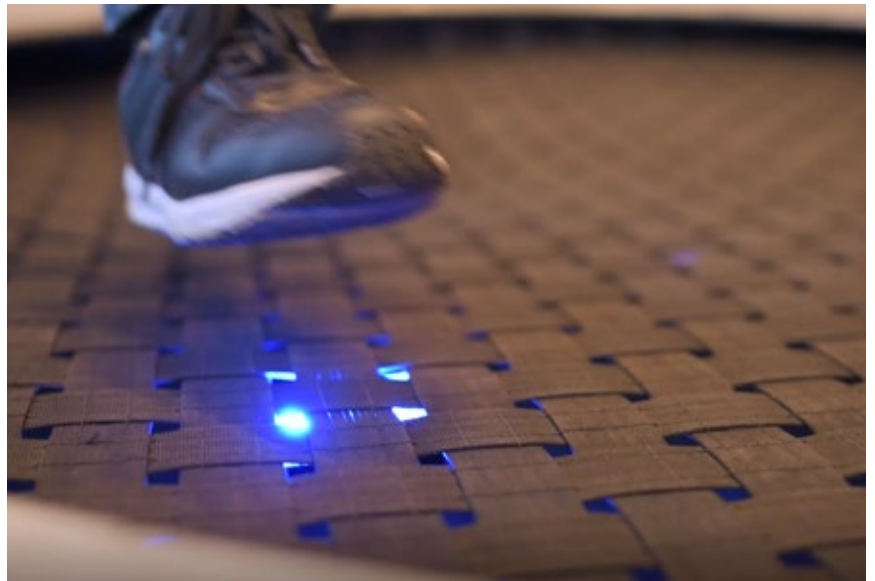
Third Party Development

Playnetic specialises in Human Powered Interactive Playground Equipment. Over the years we have gathered a lot of knowledge and experience regarding generating electricity and implementing electronics into playground equipment to make play structures more exciting and fun. Playground equipment manufacturers from all over the world rely on our expertise to create new, unique, interactive and exciting products that incorporate modern technologies. On the next few pages you'll find a small selection of our third party collaborations.



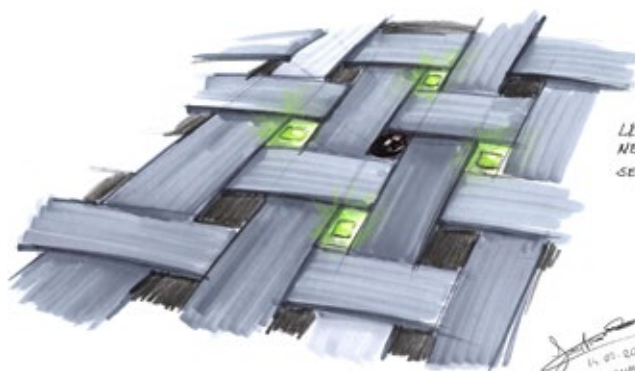
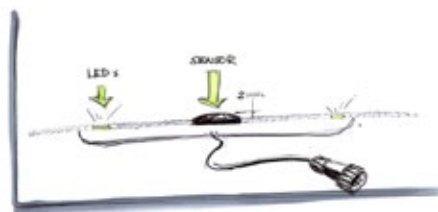
Eurotramp & Playnetic

Eurotramp is a worldwide leading trampoline manufacturer. They approached us asking whether we could make their trampolines interactive. And so we did! Jumping on this trampoline now generates energy. You can either jump and listen to music, or you can jump and do a jumping fitness workout. No batteries or external power supplies are used. We've also developed a game trampoline with Eurotramp: play exciting and fun games by jumping on the LED shock sensors integrated in the trampoline. The trampoline also has an additional console which can be used to amplify the music of your smartphone.





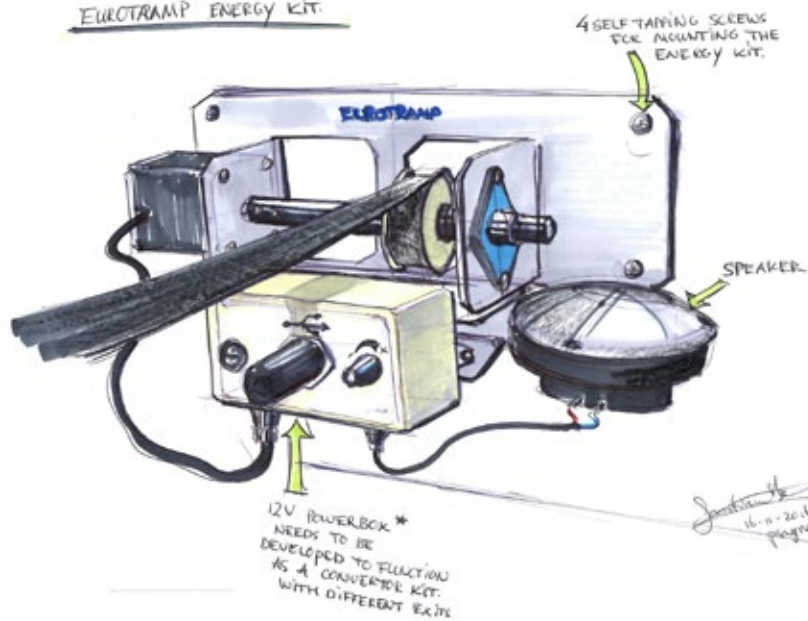
Eurotramp



LED'S MOUNTED UNDER-
NEATH THE SHAPING RED
SENSOR & NEARLY FLAT.

Jonathan
14-01-2011
pupuk

Eurotramp Energy Kit.







Bach in Thüringen, Weimar

Johann Sebastian Bach was born in Eisenach on the 21st of March 1685 in the state of Thüringen. To celebrate and commemorate the great German composer the city of Weimar reached out to us. Inspired by the organ that Bach used to play we developed the Bach Module, from the first sketch to the final product and installation. Over a dozen of these Bach Modules have been installed all across the state of Thüringen for tourists and locals to discover.

Young and old can learn about the life of Bach and listen to his music in an interactive way. By simply pumping the foot pedal Human Powered Energy is generated, producing the beautiful music that Bach created many years ago. All of this happens in a very sustainable way since there is no need for any batteries or external power supplies: the user generates all the energy needed. This project is a great example of history, culture and technology coming together.

BACH ORGAN
AUDIO INFORMATION ON HUMAN POWER



September
2010-2011
P. P. P.

Kompan & Playnetic

If a child ever plays outside, chances are that he or she is playing on playground equipment made by Kompan. Playnetic has a long lasting relationship with Kompan. Together we developed several private label products. Playnetic components, software and design are being used in these products by brand owner Kompan.

One of the products that we have developed for Kompan is the DJ-Booth. The DJ-Booth can turn any moment into a party. Pick your favorite song on your phone, place it in the DJ-Booth, spin the wheel to generate energy and enjoy the music!

Waiting in the airport with children can seem to take forever. To make the waiting more fun Kompan asked us to develop an interactive space station for the airport of Frankfurt. Spin the steering wheel to generate sustainable energy and take control of the spaceship! Lights, music and sounds create a unique experience. One of our more recent projects is the DrumBox: spin the wheel to generate energy and let the world hear your awesome beats.









Upgreen Group China & Playnetic

Playnetic is proud to have an exclusive partnership with Upgreen Group China. Together we have developed the very first interactive Swing and Seesaw in a unique style for the chinese market. Swing or sit on the Seesaw to generate sustainable Human Powered Energy and be amazed by the beautiful sounds and mesmerising light show. Upgreen Group China is a well respected playground supplier who aims to produce safe and high quality playground equipment in mainland China.

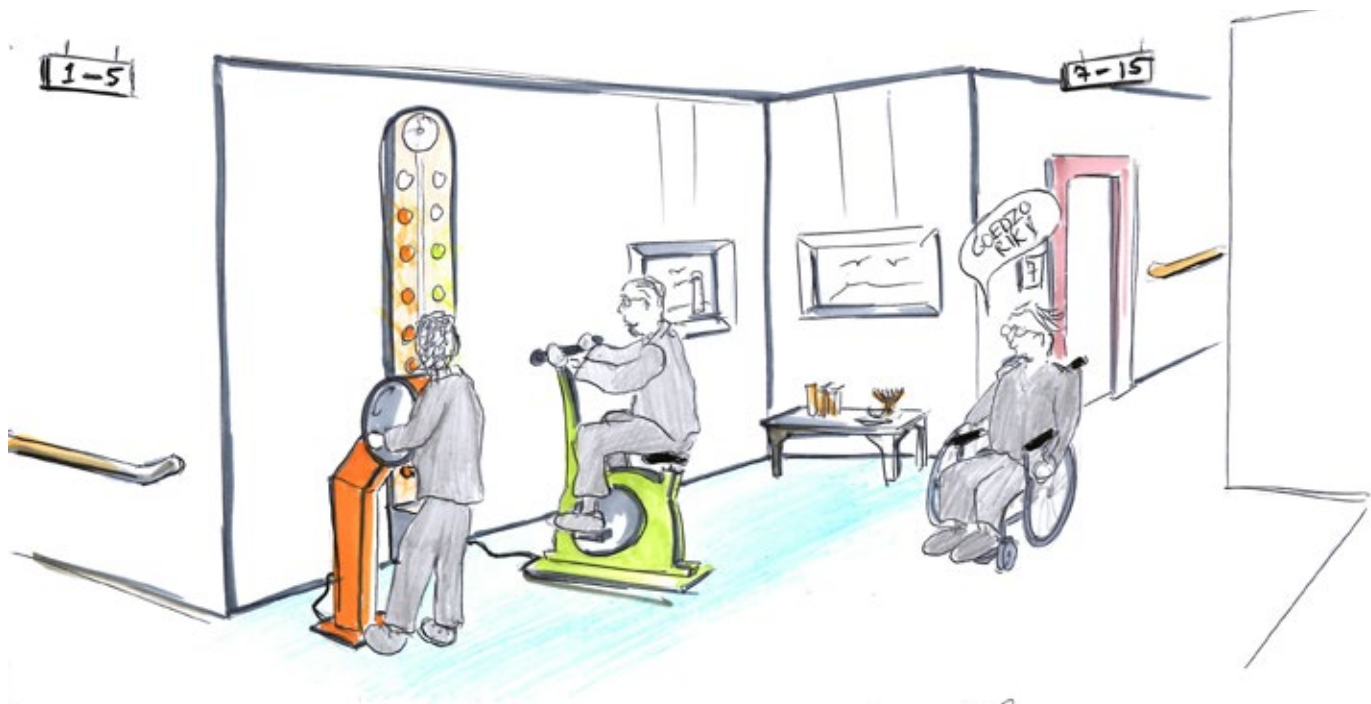
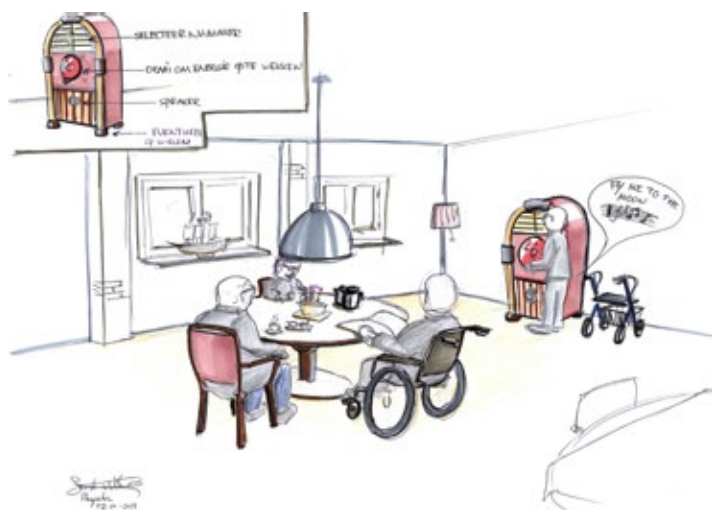


Nijha & Playnetic

Nijha is the expert when it comes down to sports and play. Staying active is crucial for a fit and healthy life. But as we grow older, it becomes much more difficult to stay active. This is especially true for the elderly. Together with Nijha we have developed a product line specifically with the seniors of our community in mind. These products invite the user to get up and start moving in a fun, rewarding and interactive way.

The Barrel Organ rewards the user for their efforts with nostalgic music. Spin the wheel to generate energy and keep on spinning to finish the song. The user can pick one of 6 classic songs from the JukeBox. Of course these songs can also be customized. Keep spinning the wheel and shake those hips!









Playnetic & Kraiburg

Kraiburg is the world leader when it comes to high quality products made out of rubber granules. Together with Kraiburg we have developed the Living Animals, the Talking Mushroom and the Game Floor. The soft touch of the rubber combined with our technology has created a unique product line. Spin the handle, tail or mushroom to generate sustainable energy and listen to the information, play a game or play some music!

Proludic & Playnetic

Proludic is a global specialist in the design and development of playground equipment, and playgrounds and sports grounds. In recent years they have designed and furnished more than 80,000 playgrounds and sports fields worldwide. The Proludic Group is internationally represented by 6 subsidiary companies and more than 50 exclusive distributors. Of course it's a great pleasure to work alongside Proludic.

For our collaboration with Proludic we developed the Race Challenge, where two players play against each other. Spin as fast as you can to fill up the light bar and battle for the title of Race Challenge Champion! Exciting music and an amazing lightshow create an unforgettable and fun playing experience. As you might have guessed by now, the Race Challenge is Human Powered! No batteries or power cables are used. Spin the wheel to play and generate energy.

At the moment we are also working on a top secret project for Proludic, which involves running. A lot of running! We can't share anything else about this project yet, so make sure you keep an eye out for our socials and website if you want to be the first to know what's cooking!



Playcore & Playnetic

Playnetic is proud and excited to announce our exclusive and exciting partnership with PlayCore. Together with PlayCore we will develop unique interactive Human Powered playground equipment for the American market.

PlayCore is a purpose-driven company that develops leading research and a complete portfolio of innovative products, programs, and services to build healthy communities through play and recreation. Great play and recreation spaces are essential and beneficial for people of all ages. Being active can add joy to life, relieve stress, supercharge learning, and connect you to others and the world around you. PlayCore is expert at building complete recreation environments where people of all ages, abilities, and interests gather to promote health and wellness.



Liberation **ROUTE** EUROPE





Liberation Route & Playnetic

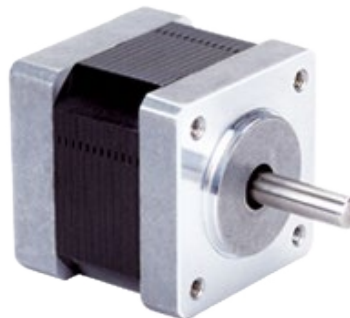
Liberation Route Europe is an ever-expanding international memorial route that connects milestones in modern European history. The route forms a link between the most important regions during the Advance of the Allies. Playnetic has developed more than 30 Liberation Route Pillars that have been installed all over The Netherlands. Each one of them tells a unique story. The map below shows a few of them installed in the province of Noord-Brabant. Children, tourists and locals can learn about important moments of our history in an interactive way, making it more likely for them to remember this information. Once again there these installations don't need any batteries or power supply cable: the user generates the energy by spinning the wheel.



Playnetic Components

As mentioned before, Playnetic has a lot of knowledge and experience regarding electronics and their implementation. Over the years we've developed our own technology and components such as: push buttons, speakers, LED lighting, electricity generators, different mechanisms to generate electricity, printed circuit boards and many more.

Other companies can use these components in their own products. Playnetic will provide the components needed, but the product and brand will be yours.



Implemented Components Examples



Play Planet Portugal



Aqua Drolics



Kompan



Nijha

Playnetic Activities

At Playnetic we can take care of everything. From the first sketch all the way to production, delivery and installation.

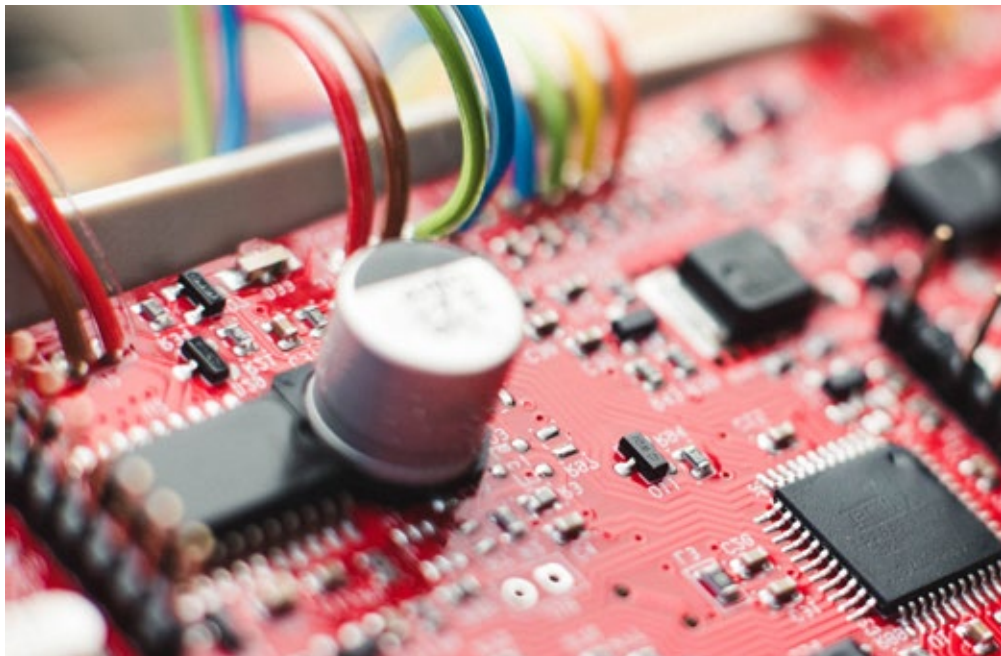
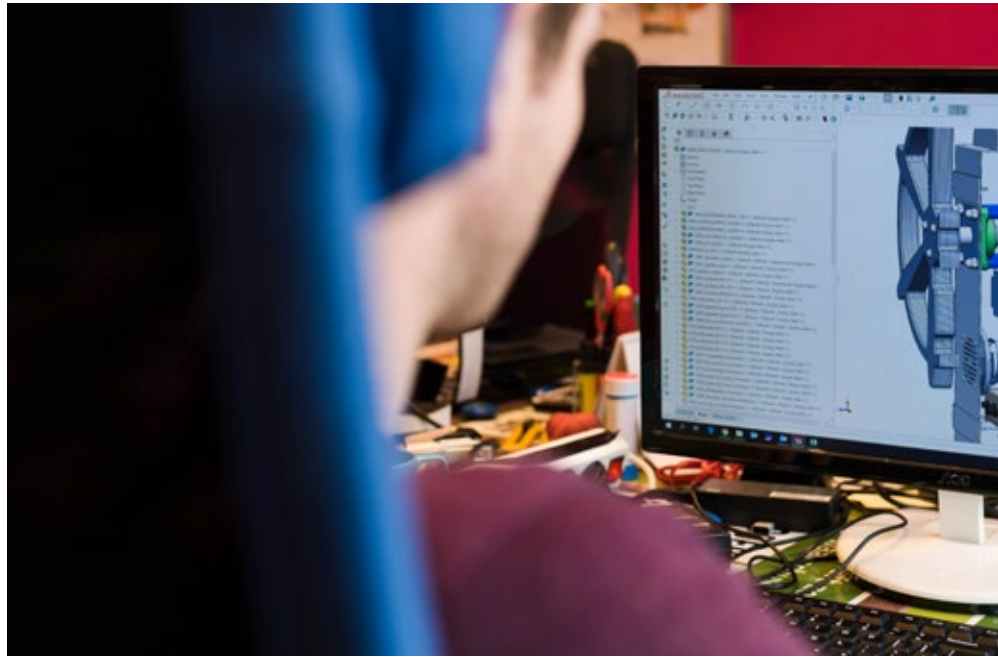
Our designers and engineers will make sure that our products are as safe as possible for children at all times.

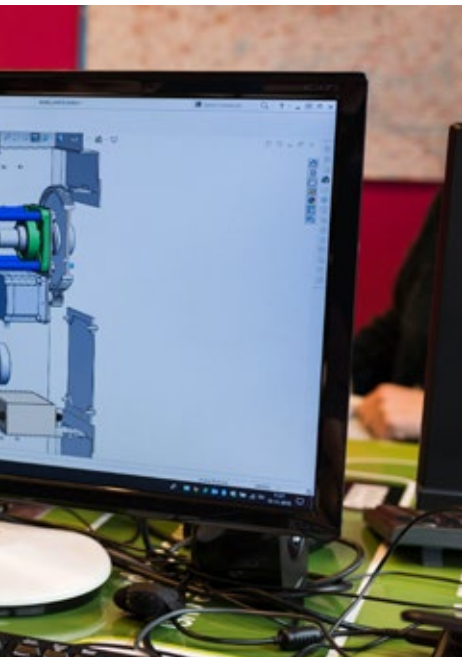
All of our software and hardware is developed in-house. Keeping the whole production process under one roof allows us to be very flexible and deliver results quickly.

With our huge network and excellent local Dutch suppliers high quality products are guaranteed.

Our service team is always ready to answer any of your questions or solve any problems.

Children from all over the world should be able to play and have fun!





Playnetic History

Like many great companies, Playnetic started in a garage. Roy Stein stayed up many nights working on his ideas. Tinkering away, experimenting and testing. Roy is gifted with a creative mind and always wanted to create new things with his hands. In order to create and experiment you need to have the tools and plenty of space, so the first two years Roy used the barn of his father-in-law Wim. Wim still vividly remembers the day they went to pick up a very old turning lathe. They used the neighbour's trailer to transport it, but the trailer was so heavy and difficult to drive that they felt a 'little' bit scared. Anyway, slowly but surely the barn turned into a decent working space.

The first product that Roy created was something similar to the current JumpStone: a heart that makes music when you jump on it. This heart was installed in the city center of Enschede. From that moment on Roy was convinced of the potential of his unique and interactive playground equipment.

It hasn't always been an easy and straightforward journey, but Roy has always been surrounded by loving and supporting family and friends. Even now, many years later, friends and family still play a big role in the success of the Playnetic company.











playNETic

Human Powered Play

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