



WIRELESS SOUND SYSTEMS

Made in Austria





About POET Audio

A true esthete may be impressed by things he might not consider as beautiful in the first place. It is not only about what he sees, but also what he tastes, smells, feels and hears. He is openminded to unorthodox sensations.

This is why our sound systems may ask for reimagining. Extraordinary is the word we use. Not only the simple visual aesthetics made by designers, but also the absence of an operating panel and a remote control is special. We define this as an expression of what we consider as beauty and simplicity.

Extraordinary is also the word we use to describe the sound – clear and precise. No exaggerated weak bass or metallic treble, which would only flatter an untrained ear. People, who like to listen to “good” music do not prefer the satellite/subwoofer sound systems used so much nowadays.

A true gourmet will flavour his dish carefully, a talented designer will not overload his living room, and a good sound engineer will not add more bass and treble than what is necessary. But it would be misguided to think that people still are unable to find arguments for disputing about what to like or dislike.

But still: There are facts, which truly are objective. Provable facts, which do not give reasons to debate about. The quality of a welding seam, the conductivity of silver wire, or the torsional stiffness of a membrane.

The intention was to team up with experts and specialists for every section needed – audio engineering, electronics, design, timber construction, and metal sheet technology. A vision of sound systems capturing our senses, easy to operate, and made and built in Austria is what keeps us motivated. It is a combination of components of the highest quality, Austrian high-tech and hand craftsmanship.

This is how we have developed the supposedly best wireless sound systems in the world. That, in any case, is what our clients and the media in Vienna, Paris, London, Hong Kong and other cities report.

Markus Platzer
Founder and CEO

The idea of simple handling

As we think that complicated devices are old-fashioned, we offer the easiest and most comfortable handling worldwide.

Instead of using a remote control, you merely need your smartphone, tablet, or computer to select your songs and control the volume. Also, you do not have to download an app or adjust any WiFi-settings. Our sound systems simply operate via Bluetooth® with any common music player of all popular smartphones and tablets.

Additionally, movie-lovers can easily connect their TV with a 3,5 mm-headphone jack. Our sound systems detect automatically when the TV is turned on.

The automatic Wake-Up operation as well as the automatic standby implements the concept of simplicity and assures that pandoretta° and concordetta° are the most unconstrained sound systems in the world.

Unpack – power on – and enjoy music!



concordetta°

High End 180° Sound System

An audio system adjusted to your living area. Available in: natural or varnished brushed stainless steel, with side frames in oak or nut.

Image: sheet steel and white-varnished side frames.



Sound quality

pandoretta°

High End 360° Sound System
with oak-base (optional)

Thomas Pfob is responsible for the sound of our sound systems. In 1990, after completing his degrees in mathematics and music, he started developing amplifiers and speakers. His claim was to create a sound as close to the original musical as possible.

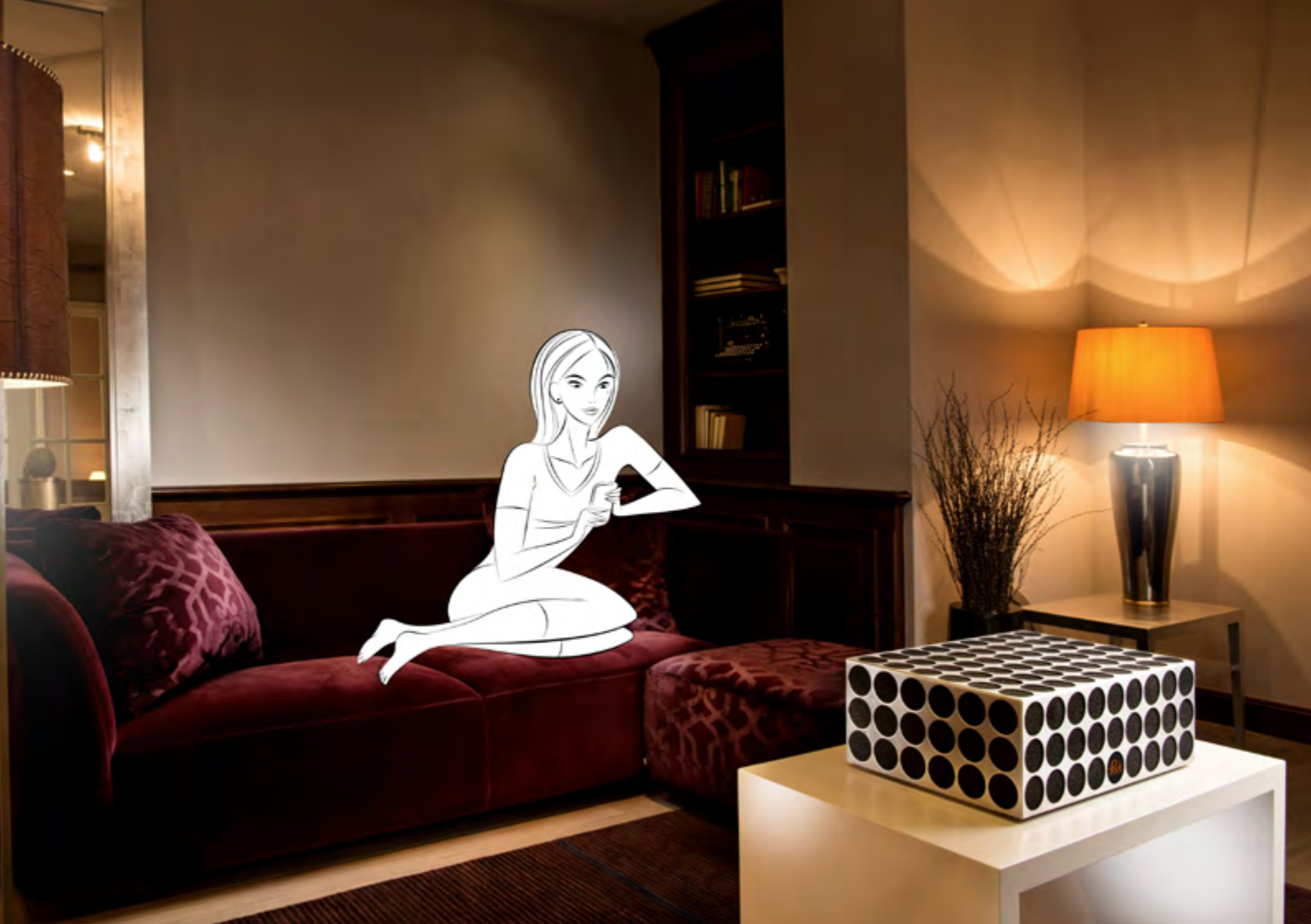
But how “real” is reality? Two listeners may sense one and the same violin differently. But a “Stradivari” sounds just like it sounds. Therefor the aim of a sound system must be defined as “reflecting the source unadulterated”.

World-famous musicians and demanding private customers all around the globe appreciate the clean and pure sound of our systems.

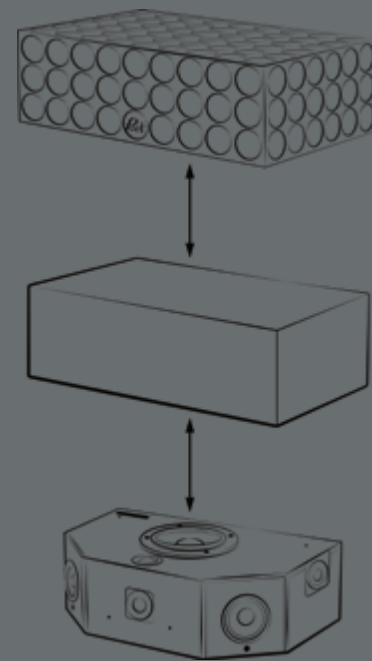
Even the media were enthusiastic. The magazine “Fidelity” names pandoretta° as their *“most favourite piece in the editorial department”*. The “Financial times” quotes: *„...magnificent Austrian sound ... it expands your soul... it’s simply joyous!”*



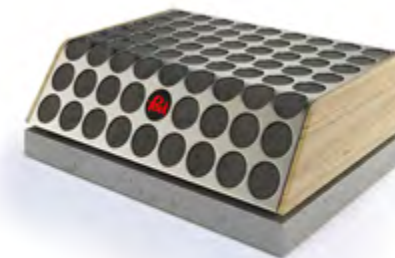
The tests in the recording studio prove that the comparison with actual instruments is the relevant reference.



To achieve a sound radiation of almost 360°, seven speakers were built-in pandoretta°, among these, one bass speaker, four tweeter with neodymium magnets and two broad band-driver.



The bass speaker is made with a membrane made out of warp resistant Kevlar turns out to be an accurate source of power.



Even though concordetta° is equipped with only three drivers, the same performance and sound quality can be met as pandoretta° with a 180° sound radiation.





Thomas Feichtner gets excited about his design.



Design

Thomas Feichtner, well-established Austrian designer, designed pandoretta° and concordetta°. He has already worked for companies such as J&L Lobmeyr, Swarovski, Neue Wiener Werkstätten, Jarosinski & Vaugoin as well as the porcelain manufacture Augarten, and he realised projects in cooperation with Vitra and Thonet. His creations have been awarded several times and they place themselves between serial products and uniques. In 2011, he was awarded the Austrian Award for Design. He lives and works in Vienna.

Feichtner's approach was to design a musical instrument rather than a classical consumer-electronics product. Following the philosophy of POET Audio, he created a phonetic corpus, broadcasting unhindered in any direction. Even in its form pandoretta° is not bound in only one direction and looks the same no matter from which perspective you look at it. Feichtners' design avoids any kind of operating elements consequently, as pandoretta is mostly operated via wireless devices.

AUSTRIAN DESIGN AWARD

pandoretta° won the nomination for
"Selected Design"





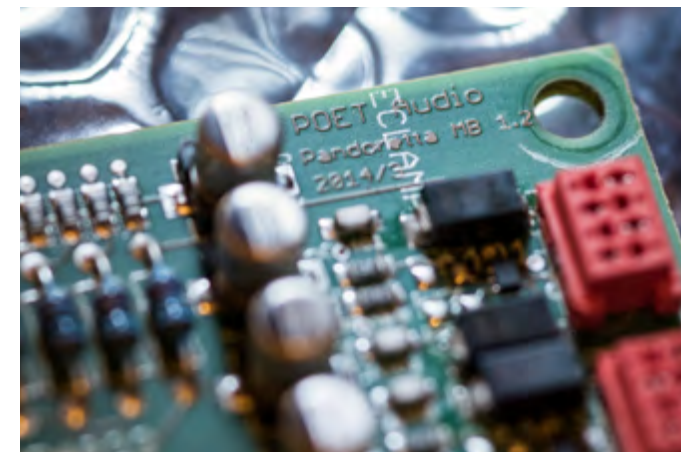
Electronics

Whereas lots of producers craft products in low-wage countries, we chose to make use of European and Austrian quality.

The intelligence of our sound systems is located in our efficient main-board. The processor adds all incoming signals, controls the energy management, the automatic wake-up and more. The main-board as well as the frequency and power supply are creations of POET Audio. All of them are greatly important for an authentic sound.

For wireless music streaming the world's best Bluetooth® receiver is used. An excellent and efficient amplifier processes the music signal up to 170 watt output power and transfers it to the speakers.

With this enormous power the electronics tap into the full potential of the physical limits of the loudspeakers. Never before have you heard such a strong and precise sound of a sound system of this size!



Handicraft

The inside of the corpus is the sound body of our sound systems and the result of the precise Styrian joinery. It consists of low vibration MDF (medium density fibreboard). High requirements are demanded in the production, milling, sizing and screwing, these are made with the greatest of exactness. Just as it is with a violin or a piano this sound body is of the utmost significance for the result.



Massive and classy wood is used to make dreams come true. Thomas Feichtner also drafted the pedestal for pandoretta°, which is available optionally. We define it as elegant oak-base and nut-base, to fulfil the artistic production process.

With their vivid patterns American nut (this page) and oak (picture on the right) attract attention.





Metal sheet technology

The casing of pandoretta° and concordetta° is made of special stainless steel. They are manufactured through a combination of machine-made and hand-made techniques.

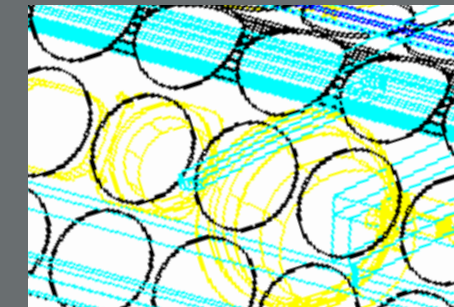
The chassis of pandoretta° is part of a special mechanical skills. The vertical salient angles are welded and swished by hand. The challenge was to come up to the requirements regarding design and positioning the external annulus as close to the edge as possible. Welding and bending the brushed stainless steel without having unwanted discolorations and deflections is a masterly achievement for this technique.

The models' conspicuous annuluses are not only notable design features but also have acoustic functions. To avoid sharp edges they were blanked with a machining plunger instead of cutting them out with lasers.

By the way: The foam lid, which is made by hand and located between the MDF-corpus and the sheet steel, is incombustible and resistant to age.



The elaborate POET logo is etched and pasted by hand.



With precise manual treatment, concordettas° perforated sheet steel is bented alongside a line of annulus.



Quality assurance and service

Every single sound system is inspected individually and tested to the limit. After a careful, manual cleaning, it is carefully packed in boxes.

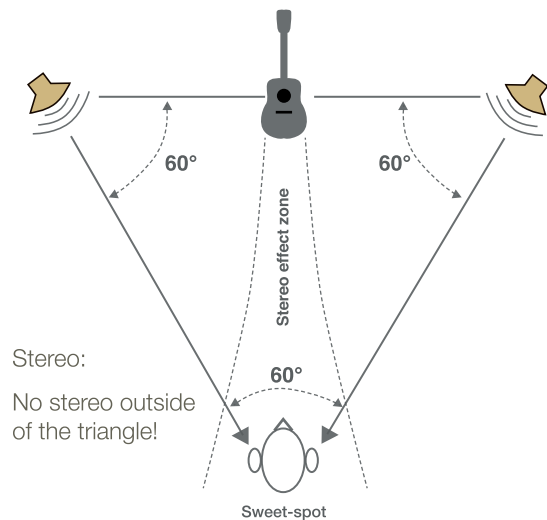
Ready for shipment!

But our work is not necessarily done yet as we want to make sure that our customers are satisfied with their POET Audio Sound System for many years! In case a quick and thorough maintenance is needed, such a service is as important for us as the production process itself. Of course, telephone support regarding technical matters is part of our after-sales-service.



Stereo, Mono ?

The POET Audio team loves stereo! But as the graphic shows, the stereo effect is only hearable in a limited zone. For people, who usually move during listening to music, a mono sound system such as pandoretta° and concordetta° is an ideal alternative. This is the way you can obtain perfect sound quality in any position using one device only!



concordetta°
Mono 180°

Mono:
Equal enjoyment
of music in every
position



pandoretta°
Mono 360°

Streaming in CD-quality

Nowadays you can stream music from your smartphone or tablet in CD-quality. This means downloading music from the internet but also streaming music from your smartphone to your hi-fi system via Bluetooth or WiFi. Essential to the sound is the quality of the data used for your music files.

Compressed 1st Generation

loss of sound quality

MP3

(earliest code)
„HeyJude.mp3“

For instance, in this
case The Beatles song
“Hey Jude” would be
saved as mp3.

Compressed 2nd Generation

no hearable difference
in sound quality
compared to CDs

MP4

AAC

(advanced audio codec)
„HeyJude.mp4“
„HeyJude.m4a“

Buying the songs on iTunes,
you receive them in files with
the ending .m4a

Lossless

no hearable
difference in sound
quality compared to
CDs

ALAC

(Apple lossless audio codec)
„HeyJude.m4a“
e.g. importing from CD to
iTunes

FLAC

(Free lossless audio codec)
„HeyJude.flac“

Uncompressed

CD

WAV

(Waveform audio file format)
„HeyJude.wav“
Songs on a CD are saved
with the ending .wav

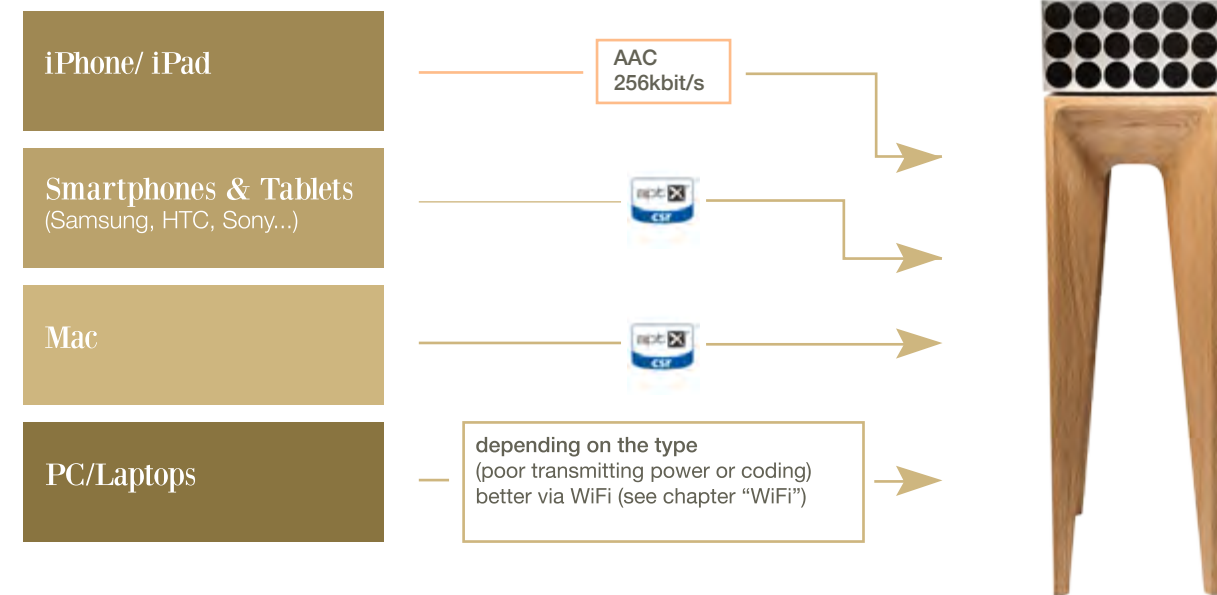


Bluetooth®

In the same way as saving music on your smartphone (tablet or computer) a coding is used to stream music from your phone to the speaker. The coding used for saving (e.g. AAC) can be the same or another coding can be used, e.g. aptX® Code.

Wikipedia:

„AAC (Advanced Audio Codec) with a bitrate of 256 kbit/s (as with iTunes, for example) is comparable with a lossless CD format. Even the lossless working AptX-Codecs preserves the full sound quality of the source.“

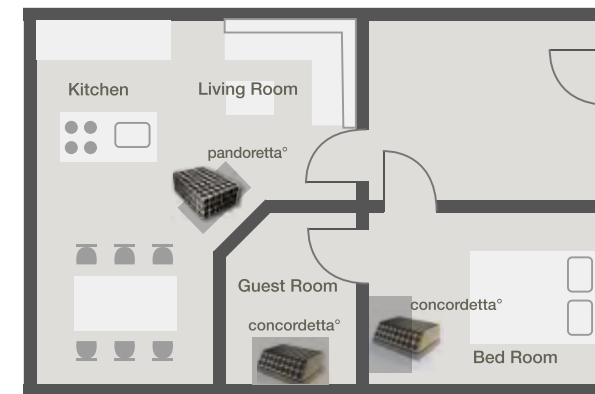


Multiroom and WiFi

Wifi means transferring information wirelessly. Information or data also include music and movies. Apple calls this technology “Airplay” and uses the lossless ALAC Code (Apple lossless codec) for transferring music.

POET Sound Systems can optionally – and invisibly – be upgraded with an Apple Airport Express. For installing this small box, our devices have all plugs required and a slot on the bottom.

The favoured SONOS Multiroom System allows using pandoretta° and concordetta° as active speakers. An additional device named “Connect” is needed. We will gladly help you with your multiroom projects!



Apple, Airplay and Airport Express are registered trademarks by Apple. SONOS is a registered trademark by SONOS.



Technical specifications:

Active mono speakers
1 Bass/Subwoofer 17,5 cm, warp resistant Kevlar membrane
2 or 1 mid range speaker 8,0 cm (pandoretta/concordetta)
4 or 1 Neodym tweeter (pandoretta/concordetta)

amplifier Class D, 170 Watt,
frequency response 20-20.000 Hz +/- 0,5 db.
2 analogue inputs, additive
(no choice of input needed).
Volume control
automatic wake-up when identification of music signal,
automatic standby after 10 minutes of inactivity

Bluetooth® receiver with aptX® capability (lossless) for professional, wireless music data reception from devices which are able to connect to bluetooth® (iPhone, iPad, Android Smartphone etc.). range up to 15 m free sight.

installation appliances and plots for WiFi receiver
(Apple AirportXpress and SONOS Connect)

measurements

pandoretta° 45 x 16 x 30 cm
concordetta° 47 x 11 x 35 cm
Warranty: 2 years



Public Relations

FINANCIAL TIMES

how to spend it

"...magnificent Austrian
sound
...it expands your soul!"

WIRED

"the upshot is peerless
360° sound..."



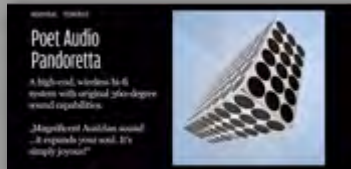
"pandoretta improves
living rooms"



"master of sound"

H.O.M.E.

"Box-Champion"



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