

LOG

JUST
LISTEN

CUBE

“ We know that we will never reach perfection, but we are as close as never before. ”

Thomas Pfob

From the very beginning, our passion has always been to reproduce music as naturally as possible. After developing tube amplifiers and passive speakers for more than 25 years, we realized that it needs a new approach to reach a new level of sound quality.

With the development of the revolutionary, fully digital LOG AudioEngine, we are taking the step into the future of audio technology.

All LOG systems offer an unprecedented experience, which allows music to express itself in all its diversity and naturalness.

Thomas Pfob, Founder & CEO

LOG



Technology and music in harmony

THE LOG STORY

1990 *Founding of LOG Audio*

In 1990, the first tube amplifier from LOG Audio was introduced. The presentation at the CES in Las Vegas impressed with an exceptional sound quality and has contributed to the fact that LOG remained one of the best manufacturers of tube amplifiers and passive high-end speakers in the market for many years.

2006 *High-quality built-in systems*

In the mid-2000s, LOG Audio developed high-quality speaker systems that can be integrated into exclusive living rooms. Together with renowned furniture manufacturers such as Neue Wiener Werkstätte, the first built-in loudspeakers were launched in 2006.

2012 *Digital technology*

After many years of research in analog audio technology, Thomas Pfob realized that it needs a new approach to push the boundaries of what is possible. The development team decided that focusing on digital technology is the only way to make a significant step forward and to achieve results that are ahead of everything else.

2016 *LOG AudioEngine*

The LOG AudioEngine is the most advanced audio technology in the world and was presented after over four years of intensive research and development. Since its introduction, it is the heart of every LOG system, offering lossless digital signal processing, ultra-steep crossovers and a linear-phase digital sound optimization.

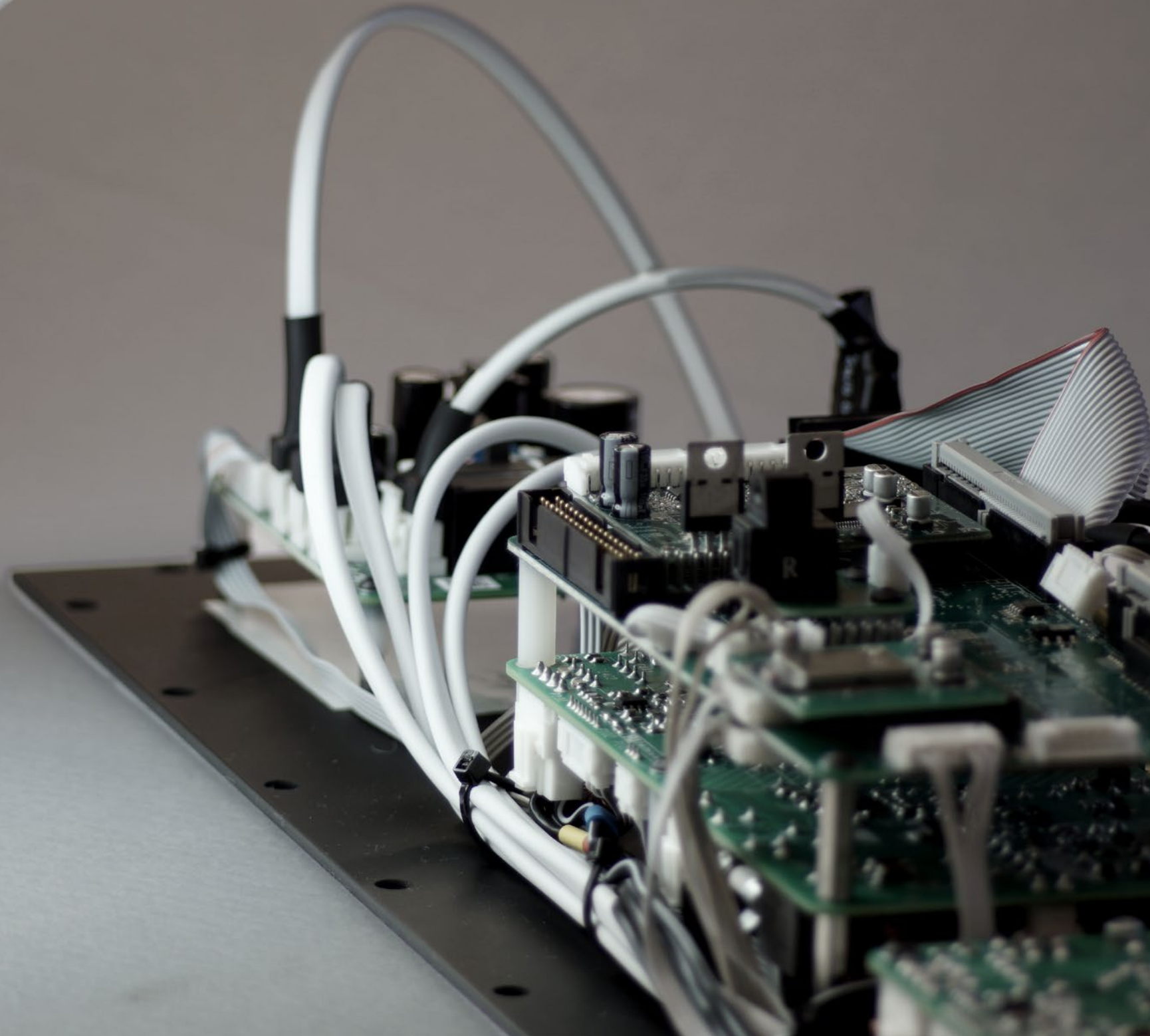
2017 *Digital product line*

Based on the innovative, digital technology of the LOG AudioEngine, the new product line was presented in 2017. It includes active sound systems such as MONOLOG and DIALOG, the active high-end loudspeaker CUBE and the high-performance on-wall speaker IMAGE.

2019 *VERVE & VIVANT, Wireless Streaming (WiSA) & Digital Phono Stage*

After years of development, the two reference loudspeakers VERVE and VIVANT were presented in 2019. As flagship models from LOG Audio, they use the entire potential of the LOG AudioEngine and impress with an unprecedented sound experience. Other milestones include the MM and MC-compatible digital phono stage, which digitally converts the RIAA curve and enables wireless data transmission. Another highlight was the implementation of the WiSA protocol for all loudspeakers.

LOG



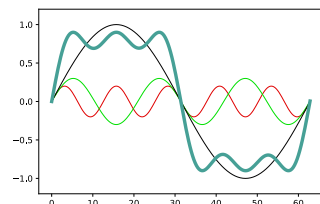
LOG AudioEngine

LOG AudioEngine

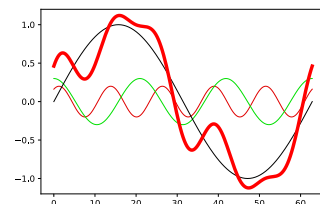
The LOG AudioEngine is the most advanced audio technology available today. It is the heart of every LOG system and features *lossless signal processing*, *ultra-steep digital crossovers* and *a linear-phase, digital sound optimization*. As all speakers are active, each speaker-chassis is driven by its own power amp.

Only loudspeaker chassis with optimal preconditions are used for LOG systems. Nevertheless, every chassis has its own sound coloration due to its physical design. The powerful processor of the LOG AudioEngine can not only digitally correct and neutralize these characteristics, but also precisely define the frequency range of the respective chassis. In contrast to conventional analog systems – where each crossover causes losses in the music signal – the emotional component of music remains in its full naturalness and originality.

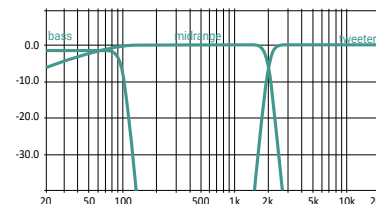
Each correction usually causes phase shifts between the loudspeaker chassis. Since this correction takes time, distortions and other negative effects may occur in the frequencies. Thanks to its high computing power, the LOG AudioEngine avoids phase shifts and is capable of correcting timing differences between the speaker chassis digitally. The correction is therefore phase-linear and music instruments are reproduced in a way that is close to perfection. Only when a violin sounds like a violin and an orchestra sounds like an orchestra, technology and music are in perfect harmony.



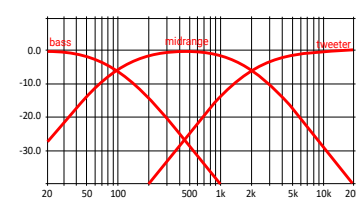
Linear Phase



Non-Linear Phase



Ultra-Steep Digital Crossover



Conventional Crossover

LOG



VERVE

VERVE

PERFECTION ARCHIEVED. THE FLAGSHIP MASTERPIECE

At the forefront of LOG Audio's sound revolution is the new reference speaker VERVE - a masterpiece in elegance and perfection. It reaches new depths in terms of technology and execution, created for pure high-end enthusiasts who are in search of the very latest innovations and maximum musical performance.

As a fully active 6-way-system, the VERVE offers a 12" bass, 10" midrange-speaker, a 3" midrange-speaker, 1" dome-tweeter and a super-tweeter for frequencies above 10 kHz. At the back, a built-in 12" subwoofer guarantees maximum bass pressure for frequencies from 80 down to 22 Hz.

Each driver is powered by its own class A/B amp, resulting in a total power of 800 W. It is the loudspeaker that expresses the maximum potential of the LOG AudioEngine both in sound and performance: an unparalleled experience that has left the most critical listeners speechless. The VERVE puts the search for excellence to an end.

For those who do not compromise.



800 W

Power

6 way

Bass-reflex

22 - 25 000 Hz

Frequency range

LOG



VIVANT

VIVANT

AN EXHILARATING EXPERIENCE OF MUSIC AND EMOTION.
IMPROVES EVERYTHING.

The harmonious blend of technology, design and breathtaking sound will make you avid. Never before has a speaker of this size produced a sound that can shake your walls and touch your heart at the same moment.

With 6 ways and a total of 800 watts of power, the VIVANT opens the door to a new world of audio reproduction, featuring the state-of-the-art technologies of the LOG AudioEngine.

The 10" bass, 8" midrange-speaker, a 3" midrange-speaker, 1" dome-tweeter, the super-tweeter-horn and a 12" subwoofer at the back of the VIVANT provide an unprecedented level of musical accuracy in both music systems and home cinemas.

A true high-end experience can only be felt - with the VIVANT you will.



800 W

Power

6 way

Bass-reflex

25 - 25 000 Hz

Frequency range

LOG



CUBE

CUBE

THE ULTIMATE ACTIVE HIGH-END SPEAKER

The CUBE is a technical masterpiece designed specifically for ultimate high-end requirements of sophisticated audio enthusiasts. The elegant, timeless design makes this active high-end speaker a perfect fit in every living room. With the digital inputs and the integrated LOG AudioEngine, the CUBE series is the step into the future, while the analog XLR input ensures compatibility with all third-party devices.

The optional PROLOG control unit offers digital and analog inputs for external sources like TV sets, AV receivers and streaming devices and features built-in Bluetooth aptX, AirPlay and DLNA. The music signal is then digitally transferred to the digital inputs of the CUBE speakers without any losses, resulting in a new dimension of clarity and dynamics.

200 W

Power

3 way

Bass-reflex

30 - 22 000 Hz

Frequency range



LOG



IMAGE

IMAGE

THE PERSONALIZED ON-WALL SPEAKER

The IMAGE is an active wall speaker with a customizable front fabric and a high-quality artificial stone frame, using the most exquisite and aesthetic materials.

Although it is designed for on-wall applications, this speaker with integrated subwoofer offers an immersive experience that is superior to many high-end floorstanding speakers.

The IMAGE offers both digital and analog XLR inputs. In combination with a PROLOG control unit, it can be used as a high-end stereo speaker or in a 5.1 surround system.



200 W

Power

3 way

Bass-reflex

30 - 22 000 Hz

Frequency range

LOG

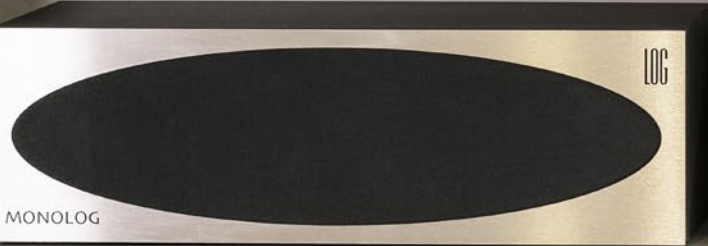
HAND IS ONE OF THE GRAPHIC ELEMENTS THAT DESIGNERS ALWAYS GET ADDICTED TO PLAY WITH

Directions to design

Directions to design

N.Y. VIEW

DareKemistry



MONOLOG

LOG

DESIGNER ARCHITECTUR

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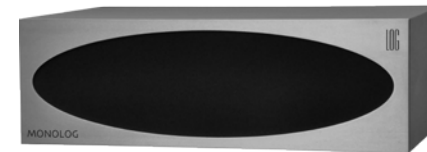
MONOLOG

MONOLOG

THE MONO SOUND SYSTEM IN STUDIO-QUALITY

The MONOLOG is the perfect mono high-end audio system for exclusive homes – its full, crystal-clear sound is impressive from the very first moment.

With the built-in LOG AudioEngine and 200 watts of power, the MONOLOG is a powerhouse in performance. The mono concept enables the listener to enjoy defined bass and the finest nuances of music at any position in the room.



200 W

Power

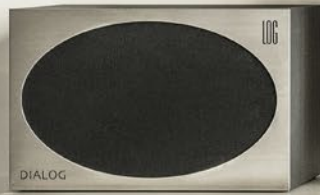
3 way

Bass-reflex

30 - 22 000 Hz

Frequency range

LOG



DIALOG

DIALOG

HIGH-END STEREO SYSTEM WITH PLUG & PLAY FUNCTION

The DIALOG is a full stereo high-end audio system with integrated electronics and amplifiers. It is perfect in combination with a TV and impresses with an unparalleled level of detail and depth.

The LOG AudioEngine guarantees a breathtaking performance, while built-in Bluetooth aptX, AirPlay, DLNA and the possibility to connect any player using the digital input ensure maximum user friendliness. Simply plug in and play your favorite music or enjoy TV sound without any additional accessories.



200 W

Power

2 way

Bass-reflex

32 - 22 000 Hz

Frequency range

LOG

CUBE

Handmade in Austria



MADE IN AUSTRIA

INNOVATIONS FROM THE COUNTRY OF MUSIC

Planning, development and production are done exclusively in Austria.

The high-quality materials used for assembling are selected from qualified partner companies from the EU.

The combination of state-of-the-art technology and careful manufacturing makes every LOG system a particularly exclusive quality product.

LOG



IMAGE

SPECIFICATIONS

	VERVE	VIVANT	CUBE	IMAGE	MONOLOG	DIALOG
<i>Description</i>	Active reference speaker	Active reference speaker	Active high-end speaker	Active high-end on-wall speaker	Active mono high-end audio system	Active stereo high-end audio system (pair)
<i>Dimensions (W x H x D)</i>	600 x 1250 x 350mm	450 x 1050 x 300mm	290 x 290 x 295mm	546 x 546 x 145mm	590 x 180 x 230mm	340 x 220 x 255mm
<i>Speakers</i>	6-way bass-reflex: 1 subwoofer 1 bass 2 midrange, 1 dome tweeter 1 super tweeter	6-way bass-reflex: 1 subwoofer 1 bass 2 midrange, 1 dome tweeter 1 super tweeter	3-way bass-reflex 1 subwoofer 1 bass-midrange 1 dome tweeter	3-way bass-reflex 1 subwoofer 1 bass-midrange 1 dome tweeter	3-way bass-reflex 1 subwoofer 1 bass-midrange 1 dome tweeter	2-way bass-reflex 1 bass-midrange 1 dome tweeter
<i>Weight</i>	50 kg	40 kg	13 kg	19 kg	12.5 kg	2 x 9 kg
<i>Streaming</i>	Optional with PROLOG	Optional with PROLOG	Optional with PROLOG	Optional with PROLOG	Built-in Bluetooth aptX, AirPlay and DLNA	Built-in Bluetooth aptX, AirPlay and DLNA
<i>Inputs</i>	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	Digital TOSLINK (AES/EBU S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)
<i>Wireless connection</i>	WiSA (optional)	WiSA (optional)	WiSA (optional)	WiSA (optional)	-	-
<i>Internal performance features</i>	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator	192 kHz, 24 bit State-of-the-art ASRC; Jitter minimized master clock generator
<i>Power amplifier</i>	Class-A/B 800 W (max. 0,008 % THD+N @ 1 W total distortion)	Class-A/B 800 W (max. 0,008 % THD+N @ 1 W total distortion)	Class-A/B 200 W (max. 0,008 % THD+N @ 1 W total distortion)	Class-A/B 200 W (max. 0,008 % THD+N @ 1 W total distortion)	Class-A/B 200 W (max. 0,008 % THD+N @ 1 W total distortion)	Class-A/B 200 W (max. 0,008 % THD+N @ 1 W total distortion)
<i>Frequency range</i>	22 - 25 000 Hz	22 - 25 000 Hz	30 - 22 000 Hz	30 - 22 000 Hz	32 - 22 000 Hz	32 - 22 000 Hz
<i>SPL</i>	110 dB	110 dB	105 dB	105 dB	105 dB	105 dB



Clock Tower – Historic landmark of Graz

LOG Audio

SOUND & ELECTRONICS LOG GMBH

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With kind support of Inside Einrichtungen Graz – www.inside-einrichtungen.at

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