

LOG



**CUBE**

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



# Thomas Pfob

„For me, it is all about the sound. At LOG we are not fixated on any technology or philosophy – we simply put all our effort into finding the best way of reproducing music so it can express itself with all its emotions and in its full naturalness.

With the invention of the LOG AudioEngine, we found a way to transfer the music signal without any losses and digitally correct and neutralise all characteristics a speaker chassis may have due to its physical design.

At the same time we use the full potential of each speaker chassis, resulting in an unbelievably balanced performance with a rich bass and extremely fine trebles.

The result is a speaker that you will not hear – all you hear is music in its purest form.“

*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.

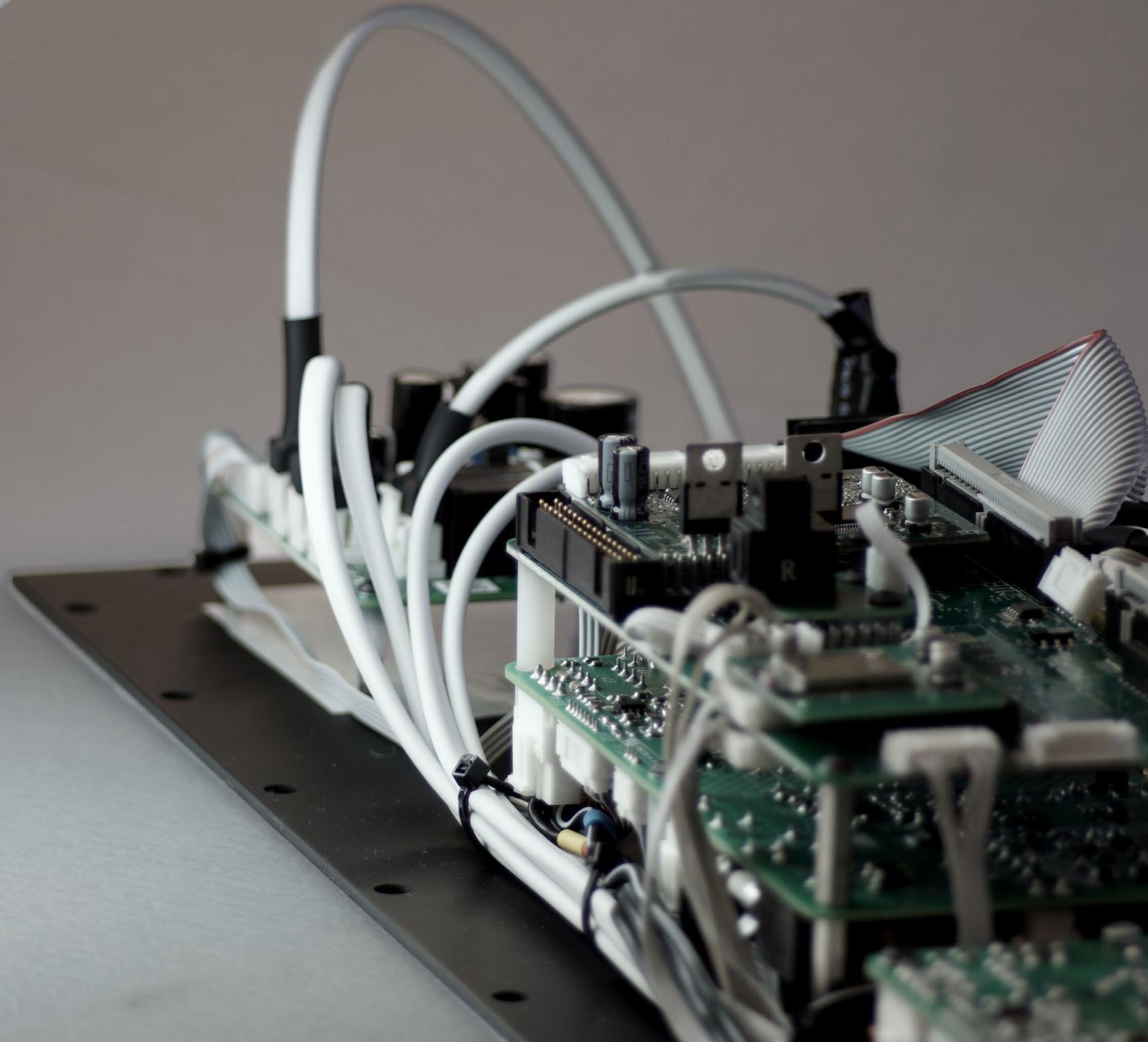
## **2017** *Digital product line*

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

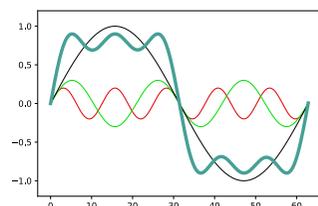


# LOG AudioEngine

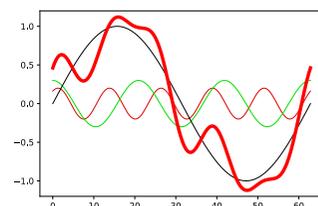
The LOG AudioEngine is the most advanced audio technology available today. It is the heart of every LOG system and features *lossless signal processing*, *ultra-steep digital crossovers* and *a linear-phase, digital sound optimization*. As all speakers are active, each speaker-chassis is driven by its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

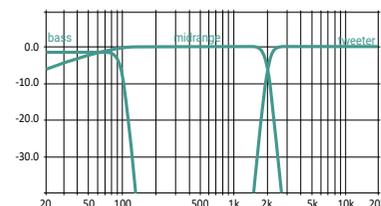
Each correction usually causes phase shifts between the loudspeaker chassis. Since this correction takes time, distortions and other negative effects may occur in the frequencies. Thanks to its high computing power, the LOG AudioEngine avoids phase shifts and is capable of correcting timing differences 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.



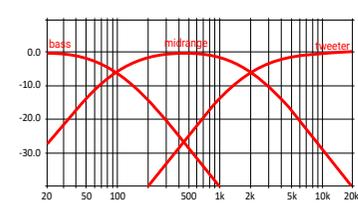
Linear Phase



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 levels in terms of technology and craftsmanship, 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, 6" bass-midrange-speaker, 3" midrange-speaker, 1" dome-tweeter and a horn as super-tweeter for frequencies above 12 kHz. A built-in 12" subwoofer guarantees maximum bass pressure for frequencies from 80 down to 20 Hz.

Each driver is powered by its own class A/B amp, resulting in a total power of 820 W. It is the flagship-model 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.



820 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 620 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, 6" bass-midrange-speaker, 3" midrange-speaker, 1" dome-tweeter, the horn super tweeter and a 12" subwoofer 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. A true high-end experience can only be felt - with the VIVANT you will.



620 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 discerning audio enthusiasts.

Ultra-fine trebles, crystal clear mids and a powerful, dry bass response come from a 3-way speaker combination that has proven itself as top-of-the-line solution. The 1" dome tweeter, the 6.5" bass-midrange speaker and the 6.5" subwoofer combine ultra-low distortion, maximum dynamics and an unprecedented level of supreme musicality. The convincing performance from a speaker of this size is simply sensational.

The design goal was to create something drastically different, but in a way that is feels familiar to everybody. Something that no one would expect from a high-end speaker, but one that is so appealing that it creates instant attraction. CUBE is designed for modern lifestyle individuals who enjoy maximum musical performance but do not insist on the classic „speaker look“.

The result is a simple and timeless, yet elegant and luxurious piece of design that can be perfectly integrated into any living space without taking up a lot of space.



220 W

Power

3 way

Bass-reflex

30 - 22 000 Hz

Frequency range

LOG



IMAGE

# IMAGE

## THE PERSONALIZED ON-WALL SPEAKER

Just like music, art touches the soul in a very special way. With IMAGE, it was our goal to turn ordinary speakers into an appealing and aesthetic piece of interior design – a work of art that you can design yourself and that visually beautifies your home. Something that touches the heart even before the first note sounds.

The IMAGE is special. The look, the shape, the exquisite finish and – last but not least – the incomparable sound quality it delivers. Designed as an on-wall speaker it may not look like what real high-end lovers expect, but it sure sounds that way.

The proven 3-way speaker combination – 1" dome tweeter, a 6.5" bass-midrange speaker and a 6.5" subwoofer – powered by the LOG AudioEngine preserves the astonishing technical and musical prowess that is expected from a LOG speaker, with extraordinary tonal expression, rich bass and excellent dynamic resolution.

IMAGE redefines what is possible for an on-wall speaker, even in extremely adverse conditions.



220 W

Power

3 way

Bass-reflex

30 - 22 000 Hz

Frequency range

LOG

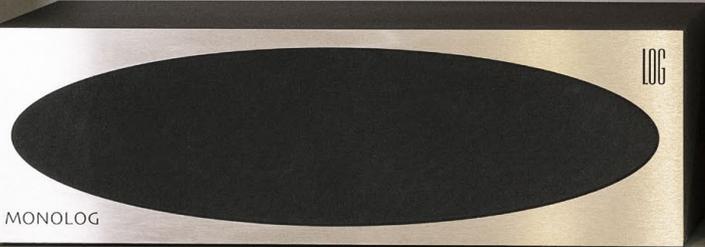
HAND IS ONE OF THE GRAPHIC ELEMENTS THAT DESIGNERS ALWAYS GET ADDICTED TO PLAY WITH.

Directions to design

Directions to design

N.Y. VIEW

DareKemistry



MONOLOG

LOG

THE GROSSE ARCHITEKTUR  
BRUNNEN'S DEER

LONDONITHEATRE

DareKemistry

N.Y. VIEW

Directions to design

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MONOLOG

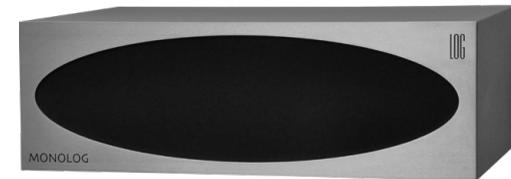
# MONOLOG

## THE MONO SOUND SYSTEM IN STUDIO-QUALITY

The MONOLOG is the entry level of LOG Audio's high-end experience. In other words: high-end for every space, not just dedicated music or TV rooms.

The mono concept brings the complete experience of music to any position in the room, while with stereo systems, the perfect sound can only be perceived at a certain spot – the so-called sweet spot. With its broad radiation characteristics and the full and crystal clear sound, massive bass and extraordinary musicality, the MONOLOG is the ideal mono system for your living space - with impressive sound for the entire room.

Although it is the smallest LOG Audio model, the MONOLOG inherits all the features of the powerful LOG AudioEngine, thus being a high-end powerhouse at minimum size. With digital inputs, Airplay, DLNA/UPnP, Bluetooth and all streaming services (Spotify Connect, Tidal, Deezer etc.) on board, it offers full connectivity and a super easy operation. All you need is a power outlet and a smartphone – and plenty of time to enjoy the extraordinary sound quality of your favourite music.



220 W

Power

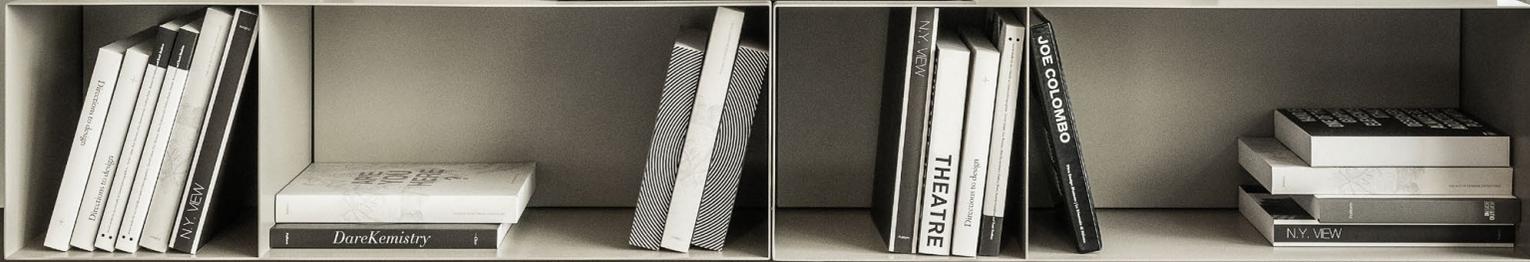
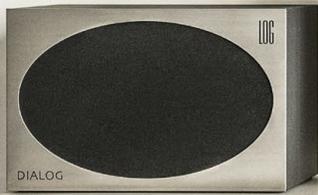
3 way

Bass-reflex

30 - 22 000 Hz

Frequency range

LOG



DIALOG

# DIALOG

## HIGH-END STEREO SYSTEM WITH PLUG & PLAY

Everybody enjoys great sound quality at home, especially with great music or amazing home cinema experiences. However, not everybody is interested in the technical details that come with it and is willing to invest in expensive, bulky and unaesthetic audio components. For most of the people, the design aspect and look of a product is just as important as the performance it delivers. Last but not least, operation should be as straightforward as possible.

To meet all these criteria and maximise customer satisfaction, we've created DIALOG – the plug & play high-end system with elegant design.

With DIALOG, the search for the right stereo-system is over. It's a full high-end technology powerhouse packed into a compact „all-in-two“ pair of speakers which are linked with only one audio cable. With Airplay, DLNA/UPnP, Bluetooth and integrated services like Spotify, Tidal, Deezer or TuneIn you enjoy full connectivity that let's you enjoy your favourite service. TV sets and third-party devices can be connected with just a single digital cable and are immediately ready to play.



220 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>	540 x 130 x 330mm	490 x 1150 x 330mm	300 x 300 x 295mm	546 x 546 x 140mm	590 x 180 x 245mm	590 x 180 x 245mm
<i>Speakers</i>	6-way bass-reflex: 12" subwoofer 12" bass 6" bass/midrange 3" midrange 1" dome tweeter 1 x horn tweeter	6-way bass-refle x: 12" subwoofer 10" bass 6" bass/midrange 3" midrange, 1" dome tweeter 1 x horn tweeter	3-way bass-reflex 6.5" subwoofer 6.5" bass-midrange 1" dome tweeter	3-way bass-reflex 6.5" subwoofer 6.5" bass-midrange 1" dome tweeter	3-way bass-reflex 6.5" subwoofer 6.5" bass-midrange 1" dome tweeter	3-way bass-reflex 6.5" subwoofer 6.5" 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>	1 x Digital XLR (AES/EBU, 96 kHz / 24 bit) 1 x Analog XLR (A/D-Converter 192 kHz / 24 bit)	1 x Digital XLR (AES/EBU, 96 kHz / 24 bit) 1 x Analog XLR (A/D-Converter 192 kHz / 24 bit)	1 x Digital XLR (AES/EBU, 96 kHz / 24 bit) 1 x Analog XLR (A/D-Converter 192 kHz / 24 bit)	1 x Digital XLR (AES/EBU, 96 kHz / 24 bit) 1 x Analog XLR (A/D-Converter 192 kHz / 24 bit)	2 x Digital TOSLINK (S/PDIF, 96 kHz / 24 bit) Analog XLR (A/D-Converter 192 kHz / 24 bit)	2 x Digital TOSLINK (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>	6 x Class-A/B 820 W total (max. 0,008 % THD+N @ 1 W total distortion)	6 x Class-A/B 620 W total (max. 0,008 % THD+N @ 1 W total distortion)	3 x Class-A/B 220 W total (max. 0,008 % THD+N @ 1 W total distortion)	3 x Class-A/B 220 W total (max. 0,008 % THD+N @ 1 W total distortion)	3 x Class-A/B 220 W total (max. 0,008 % THD+N @ 1 W total distortion)	2 x 3 Class-A/B 220 W total (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>Max. SPL</i>	115 dB	115 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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# LOG

