

PIEGA COAX GEN2 SERIES

 SWISS HANDCRAFTED LOUDSPEAKERS SINCE 1986



PIEGA
SWITZERLAND



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Once again, PIEGA redefines the boundaries of possibility with a phenomenal relaunch of its highly successful Coax series. While the established masterpieces Coax 711, 511, and 311 developed by Kurt Scheuch have received targeted optimizations, the four brand new high-end models of the second generation inspire with their unprecedented sound, captivating dynamics, and timeless elegance.

Particular attention has been laid on the exceptional coaxial mid-high range driver. Extra cross-bracing and a visually striking central web allow the integration of an additional neodymium above the tweeter, thus creating greater overall efficiency. A newly developed special coating on the foil used exclusively in the mid-range of the Coax 811, 611, 411, and the center 211, linearizes the frequency response in the lower transmission range facilitating a lower transition to the bass. The coax driver covers a wider frequency range, emitting sounds from 450 Hz. And even the sensitive range of vocals is reproduced flawlessly, contributing to a well-balanced and harmonious sound pattern.

The inner workings have been meticulously handcrafted to perfection. The layout of the foils, the magnet construction, the damping of the mechanical design - not one thing remained untouched, and each element was skilfully tailored to the next. The magnetic rods have been mechanically decoupled to eliminate the slightest distortion in the magnetic field caused by micro-resonances. The results are remarkable: with even

more dynamics, refined details, and an unparalleled three-dimensionality, the Coax Gen2 series sets new standards in the mid-high range.

To live up to the high-quality standards and optimize the acoustics in the low frequencies, the already excellent UHQD woofers were given more “room to breathe” in the model extensions 811, 611, 411, and the center 211. The result is an extraordinary cabinet made of seamless extruded aluminum, which sets new standards among the world’s highest-ranked speakers in terms of dimension and quality.

The renowned “Tension Improve Module” (TIM), specially developed by PIEGA, previously set the cabinet under controlled tension by applying pressure to the inner walls, thus effectively calming cabinet resonances. For even better results, the new TIM2 module is put under tensile stress and positively connected to the cabinet. This significantly increases the rigidity of the construction, reducing even the slightest vibrations extremely effectively. The final micro-resonances are prevented by means of our tried and tested viscoelastic damping foils.

But these new speakers are also a visual delight. With their elegant and timeless appearance coming from the pen of Swiss designer Stefan Hürlemann, the new Coax Gen2 series will be the ultimate eye-catcher in any room.

THE NEW COAX GEN2 IN DETAIL

Coax 811

The series' new flagship Coax 811 offers significantly more volume and should be the first choice for larger living areas. Four 220 mm woofers, two actively driven by the connected amplifier and two passive radiators, create dynamic and sonorous basses. With these powerful game partners, the new C212+ coax driver unfolds its full potential and showcases every type of music, from pop to jazz to grand orchestras, with great dynamics, incredible spatiality, and fantastic resolution.

Coax 611

Compared to its predecessor Coax 511, the Coax 611 has grown in every dimension and exudes a more up-scale look. Still slender in appearance, it remains elegant and blends harmoniously into any room. The technical structure reflects its new grown-up appearance. Its two 160 mm woofers, now supported by three passive radiators, and its significantly larger volume ensure a full-bodied bass response. In this environment, the new C112+ coaxial ribbon can fully exploit its dynamic reserves and inspires with its equally natural and vibrant sound diversity.

Coax 411

The Coax 411 represents a perfect introduction to the coaxial world of PIEGA. The new C112+ coaxial ribbon, the 160 mm UHQD woofer, and the optimized TIM2 module form a fine-tuned harmony. Compared to its predecessor model Coax 311, the generous dimensions of the 411 provide more room for an amazingly full low-frequency reproduction. Free from even the slightest resonances, all that's left is a delightful audio performance in the highest resolution, unparalleled amongst bookshelf speakers and leaving nothing to be desired in small to medium-sized rooms.

Coax Center 211

The new Coax Gen2 series is rounded off by the outstanding Coax Center 211 as an ideal center speaker for your high-end home cinema. It features all the technical advantages of the new generation in an elegant landscape format that integrates beautifully into any set-up. Together with two UHQD woofers, the new C112+ coaxial ribbon ensures outstanding speech intelligibility and blends delightfully into the vivid and natural soundstage of the Coax series. With the Coax Center 211, nothing gets in the way of a perfect movie night at the highest sound quality level.

Advantages at a glance:

- Perfected PIEGA sound quality for a unique music experience
- New C112+ and C212+ coaxial ribbons for even finer detail and wider frequency ranges
- Larger extruded aluminum cabinets of superior craftsmanship for increased volume
- Resonance-free thanks to new TIM2 modules and viscoelastic damping foils
- Timeless, modern design by Stephan Hürlemann





THE COAX LTD IN DETAIL

Coax 711 LTD

The Coax 711 LTD is the ideal three-way floor-standing speaker for music lovers with a desire for decent depths. Beneath the new C212 coaxial midrange ribbon, four 220 mm woofers are setting large air masses in motion - two actively driven by the connected amplifier, two as passive radiators to reinforce the bass reproduction.

Coax 511 LTD

At 115 cm high and only 22 cm wide, this sleek floor-standing speaker features four 160 mm woofers and the latest C112 coaxial ribbon placed at the top of the baffle. While the connected amplifier actively drives two radiators, the other two act as passive cones to ensure harmonious and full-bodied basses.

Coax 311 LTD

On a shelf or on a stand, the Coax 311 LTD won't fail to shine in every aspect. Inside its 22 cm wide baffle, the enhanced C112 coaxial ribbon and the proven 160 mm UHQD woofer work their magic and deliver incredibly vivid, impulsive, and precise sounds for small to medium-sized rooms. The ideal speaker to get acquainted with PIEGA's coaxial world.

Highlights at a glance:

- Existing excellence with targeted optimizations
- New C112 and C212 coaxial ribbons
- Additional neodymium beneath the central web for more efficiency at the tweeter



TECHNICAL DATA



Model	Coax 811	Coax 611	Coax 411	Coax Center 211	Coax 711 LTD	Coax 511 LTD	Coax 311 LTD
Design	3-way system floor-standing speaker	3-way system floor-standing speaker	3-way system shelf speaker	3-way system center speaker	3-way system floor-standing speaker	3-way system floor-standing speaker	3-way system shelf speaker
Recommended amplifier power	20 – 250 watts	20 – 250 watts	20 – 200 watts	20 – 250 watts	20 – 250 watts	20 – 250 watts	20 – 200 watts
Sensitivity	92 db/W/m	90 db/W/m	90 db/W/m	90 db/W/m	92 db/W/m	90 db/W/m	90 db/W/m
Impedance	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
Frequency response	22 Hz – 50 kHz	32 Hz – 50 kHz	35 Hz – 50 kHz	35 Hz - 50 kHz	22 Hz – 50 kHz	32 Hz – 50 kHz	35 Hz – 50 kHz
Equipment	2 × 220 mm UHQD woofers 2 × 220 mm UHQD passive radiators 1 × C212+ coaxial ribbon	2 × 160 mm UHQD woofers 3 × 160 mm UHQD passive radiators 1 × C112+ coaxial ribbon	1 × 160 mm UHQD woofer 1 × C112+ coaxial ribbon	2 × 160 mm UHQD woofers 1 × C112+ coaxial ribbon	2 × 220 mm UHQD woofers 2 × 220 mm UHQD passive radiators 1 × C212 coaxial ribbon	2 × 160 mm UHQD woofers 2 × 160 mm UHQD passive radiators 1 × C112 coaxial ribbon	1 × 160 mm UHQD woofer 1 × C112 coaxial ribbon
Cabinet	Extruded aluminum with Tension Improve Module 2 (TIM2)	Extruded aluminum with Tension Improve Module 2 (TIM2)	Extruded aluminum with Tension Improve Module 2 (TIM2)	Extruded aluminum with Tension Improve Module 2 (TIM2)	Extruded aluminum with Tension Improve Module (TIM)	Extruded aluminum with Tension Improve Module (TIM)	Extruded aluminum with Tension Improve Module (TIM)
Dimensions (H x W x D)	124 × 29 × 42 cm	117 × 21 × 31 cm	45 × 21 × 31 cm	21 × 62 × 31 cm	118 × 28 × 33 cm	115 × 22 × 25 cm	41 × 22 × 25 cm
Weight	63 kg	45 kg	25 kg	21 kg	47 kg	32 kg	15 kg
Color variants	- Aluminum cabinet brushed, silver / speaker grille cloth silver - Aluminum cabinet brushed, black anodized / speaker grille cloth black - Aluminum cabinet, white-lacquered finish / speaker grille cloth white			- Aluminum cabinet brushed, silver / speaker grille cloth silver - Aluminum cabinet brushed, black anodized / speaker grille cloth black - Aluminum cabinet, white-lacquered finish / speaker grille cloth white			

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