

PIEGA
SWITZERLAND

PIEGA Coax Series

PIEGA
COAXIAL RIBBON SYSTEM

The finest coaxial ribbon sound 2.0





PIEGA Coax Series

For the last 16 years, the Coax series of loudspeakers has been one of the absolute highlights in the PIEGA product range with its combined tweeter and mid-range ribbons. Now the second generation of the Coax series is being launched with the compact bookshelf loudspeaker Coax 311 and the two slightly over one metre high floor-standing speakers Coax 511 and Coax 711. The trio has – as widely used by PIEGA – cabinets made of extruded aluminium, as a result of which the loudspeakers not only look particularly noble and elegant, but are also so stable that there are no performance losses resulting from vibrating cabinet walls.

So-called “Tension Improve Modules” (TIM) are also used in the new Coax loudspeakers, which place the entire cabinet under controlled tension and in this manner prevent even the smallest vibrations in the cabinet. Remaining micro-resonances are completely eliminated by innovative visco-elastic damping films.

The second-generation Coax systems are a further development of the previously used drivers in all important aspects. The ingenious basic principle of the concentrically arranged mid-range ribbon, at the centre of which the tweeter ribbon is implemented, has been upgraded by stronger neodymium magnets and pole plates made of special high-strength steel with a ferritic structure, thereby achieving a higher level of efficiency. The layout of the flat coils under the foil diaphragm and the damping of the foil diaphragm have also been optimised. The new UHQD woofers have titanium voice coil formers, a new suspension and specially formed, coated and extremely rigid aluminium diaphragms. These are also used as passive radiators in the floor-standing loudspeakers.

Coax 711

For music-lovers with larger living rooms and a need for even stronger and deeper bass reproduction, this three-way floor-standing loudspeaker is the first choice. Below the large C211 coaxial ribbon, four 220 mm woofers wait to set significant volumes of air in motion – two actively driven by the connected amplifier, two as passive radiators to support the bass reproduction.

Coax 511

In addition to the mid-high range Coax C111 placed at the top in the baffle, this slim, only 22 cm wide and 115 cm high floor-standing loudspeaker offers four 160 mm woofers. Two of them are actively driven by the connected amplifier, while the other two are passive radiators and help the Coax 511 to create harmonious and deep bass reproduction.

Coax 311

On the shelf or on a stand is where the new entry-level Coax 311 series feels most at home. In its 22 centimetre-wide baffle, the newly combined mid-high range Coax C111 and a 160 mm UHQD woofer do their job by providing very three-dimensional, dynamic and accurate music reproduction. The perfect introduction to PIEGA's Coax world!



Technical Data

Model	Coax 711	Coax 511	Coax 311
Construction principle	3-way system Floor-standing loudspeaker	3-way system Floor-standing loudspeaker	3-way system Bookshelf loudspeaker
Recommended amplifier output	20 – 250 watt	20 – 250 watt	20 – 200 watt
Sensitivity	92 db/W/m	90 db/W/m	90 db/W/m
Impedance	4 ohms	4 ohms	4 ohms
Frequency Response	22 Hz – 50 kHz	32 Hz – 50 kHz	35 Hz – 50 kHz
Equipment	2 x 220 mm UHQD 2 x 220 mm UHQD passive C211 Coaxial ribbon	2 x 160 mm UHQD 2 x 160 mm UHQD passive C111 Coaxial ribbon	1 x 160 mm UHQD C111 Coaxial ribbon
Cabinet	Extruded aluminium with Tension Improve Modules (TIM)	Extruded aluminium with Tension Improve Modules (TIM)	Extruded aluminium with Tension Improve Modules (TIM)
Dimensions (HxWxD)	118 x 28 x 33 cm	115 x 22 x 25 cm	41 x 22 x 25 cm
Weight	47 kg	32 kg	15 kg
Versions	Cabinet in polished aluminium, loudspeaker cover in silver fabric Cabinet in black anodised aluminium, loudspeaker cover in black fabric, Cabinet in white lacquer finish, loudspeaker cover in white fabric	Cabinet in polished aluminium, loudspeaker cover in silver fabric Cabinet in black anodised aluminium, loudspeaker cover in black fabric, Cabinet in white lacquer finish, loudspeaker cover in white fabric	Cabinet in polished aluminium, loudspeaker cover in silver fabric Cabinet in black anodised aluminium, loudspeaker cover in black fabric, Cabinet in white lacquer finish, loudspeaker cover in white fabric



Coax 711



Coax 511



Coax 311

Service

PIEGA offers first-class service and six years warranty on all loudspeakers, as well as three years on the electronics.

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