

# THE NEW PREMIUM 801



## PRECISION, DYNAMICS AND A TOUCH OF HORN MAGIC

With the new Premium 801, our aim at PIEGA is to unite the very best of two worlds in one loudspeaker: the unrivalled delicacy and resolution of our in-house ribbon technology, combined with the power, efficiency and immediacy of horn acoustics. While we did not invent the horn, we have perfected it – refining its materiality, shaping, dispersion and crossover frequency to an entirely new level.

Together with our newly developed midrange and bass drivers, this has resulted in a loudspeaker that not only sets benchmarks in the treble range, but also delivers breathtaking speed, precision and vibrancy across the entire frequency spectrum. Four robust bass units provide a deep and authoritative foundation, while the dedicated midrange driver conveys vocals with extraordinary naturalness and presence.

The synergy of these new drivers, the meticulously engineered crossover and the carefully selected cabinet

materials culminates in a holistic concept – one that fuses dynamics and finest resolution in a truly unique way.

Equally important to us as the technology was the design: proportion, elegance and a reduced aesthetic characterise the Premium 801. The newly developed stand lends the construction both lightness and stability, while the seamlessly integrated, screwless drivers create a harmonious, elegant appearance. The result is a fully fledged PIEGA product for the future, setting new standards not only acoustically but also visually. Whether from the front, the sides, or even the rear, it captivates with its timeless beauty.

Every Premium 801 is developed and manufactured at our headquarters on the shores of Lake Zurich – a genuine Made in Switzerland creation.

**PIEGA**  
S W I T Z E R L A N D

# PREMIUM 801 – THE INNOVATIONS

With the Premium 801 we are expanding our series with a new flagship model that bridges the gap between the Premium 701 and the Coax 611. By combining proven technologies with precise refinements, we are setting new benchmarks within the Premium line.

## CABINET CONSTRUCTION

- **Core Design:** Inspired by the successful Coax 611
- **Bracing and Damping:** Newly developed wooden matrix bracing combined with damping materials for a low-resonance enclosure
- **Dimensions:** Positioned between the Coax 611 and Premium 701; the largest and most acoustically sophisticated cabinet of the Premium line

## DRIVER TECHNOLOGY

- **Tweeter:** For the first time in the Premium series, a magnetostatic ribbon with a horn in front
  - Lower Crossover Frequency: Reduced from around 3.5 kHz to 2.7 kHz – delivering more presence, detail and clarity
  - Acoustic Centre: The horn aligns the tweeter and midrange on the same plane – ensuring more precise spatial imaging
  - Dispersion Characteristics: Optimised geometry for uniform horizontal dispersion and a homogeneous energy frequency response
- **Midrange Driver:** Newly developed with FSD technology (symmetrical voice coil positioning within the magnetic field) – for reduced distortion, linear movement and authoritative vocal reproduction
- **Bass Driver:** Also newly developed with FSD technology. Four instead of two drivers per loudspeaker – providing higher sound pressure capacity and +6 dB maximum output for deep, controlled bass

## DESIGN AND INTEGRATION

With the Premium 801, we have created a loudspeaker that blends seamlessly into any living space with its clean lines and balanced proportions. Available in three elegant finishes, each with a matching grille, it also offers three stand options: the elegantly curved standard round base, the optional LTD base plate as a sturdy cross-frame with height-adjustable spikes, or the discreet version with furniture gliders. Thanks to its carefully engineered cabinet architecture, the Premium 801 can also be placed close to the wall – ideal for aesthetically subtle integration without compromising sound quality.



## FREQUENCY CROSSOVER AND IMPEDANCE

- **Amplifier-Friendly:** Stable load, easy to drive
- **Linearised:** Smooth behaviour, also suitable for tube and Class D amplifiers
- **Bi-Amping:** Possible via the Coax series terminal



Sandblasted aluminium cabinet, white lacquered with standard round base



Sandblasted aluminium cabinet, silver anodised with optional LTD base plate



Sandblasted aluminium cabinet, black anodised with furniture gliders