

THE NEW PREMIUM GEN2 SERIES



 SWISS HANDCRAFTED
LOUDSPEAKERS SINCE 1986

PIEGA
SWITZERLAND



ACOUSTIC EXCELLENCE FOR AUDIOPHILES

THE NEW PREMIUM SERIES

One vision, one goal - how can a premium loudspeaker sound even better than it looks? Our ribbon specialist Mario and our chief developer Roger have tackled this question with a great deal of diligence, sweat and passion, not only bringing our ribbon, which has been tried and tested for 20 years, up to date, but radically improving it. To achieve this, more than 30 prototypes were put through their paces and optimised at all levels in an enormously elaborate and complex test procedure, with a particular focus on acoustic excellence. The result is impressive and raises the current models, whose ribbons now bear the initials of their creators RM01-24, to a completely new level.

THE ADVANTAGES AT A GLANCE:

- Acoustic excellence
- Slim, discreet design
- Supersymmetrical driver (SSD)
- FSD midrange and bass drivers for acoustic precision
- Innovative stand for optimum sound quality
- Innovation at the highest level: the new magnetostatic tweeter ribbon
- Improved efficiency of the system



PREMIUM 301 GEN2

THE 2-WAY SHELF SPEAKER:

Our latest model, the 301, follows in the successful line of its predecessor. However, with a much more compact appearance, it fits discreetly into any shelf or living room. Despite this reduction in volume, the bass response remains at the same level, while the overall acoustics have been significantly improved. Equipped with our innovative new ribbon and the advanced mid-woofer driver, the speaker promises outstanding sound quality.

PREMIUM 701 GEN2 THE EXTENDED 3-WAY SYSTEM:

The 701 has evolved from a 2.5 to a fully-fledged 3-way system, offering a dedicated midrange driver and two bass drivers for deep and precise bass reproduction in addition to the newly developed tweeters. The bass reflex ports are visually appealing and acoustically ideally positioned at the rear in the centre of the speakers. Thanks to the significantly improved woofers, we were able to optimise the cabinet volume.



INNOVATIVE MAGNETOSTATIC TWEETER RIBBON FROM PIEGA



The latest tweeter ribbon from PIEGA is an innovative further development of the successful Coax series. The new development includes the introduction of a magnet at the front and a strictly symmetrical arrangement of the rear and front rows of magnets. This precise configuration creates ideal, strictly orthogonal magnetic field lines on the aluminium ribbon, significantly improving linearity and impulse response and reducing distortion.

With the introduction of the supersymmetrical driver (SSD), we have reduced the amount of magnets by half, thereby taking an important step in our strategy for developing more sustainable products. This technical optimisation not only reinforces the voice coil characteristics on the foil in areas of strong magnetic fields, but also improves the efficiency of the system.

The ribbon adopts the effective diaphragm size of the excellent LDR 3056, while the more compact form factor of the LDR 2642 MKII from the 501 series has been adapted for more flexible integration into more compact cabinet shapes. In addition, a great deal of work has been invested in optimising the internal damping of the foil cone, with the coaxial tweeters again serving as the basis for improvements.

The result of this extensive development work combines the best characteristics of all three tweeter types and makes this ribbon the most advanced that PIEGA has ever developed. Acoustically, this manifests itself in the precision known from the Coax series, combined with a relaxed and discreet high frequency reproduction. Voices and instruments are given a fascinating naturalness and effortlessly draw the listener into the musical experience.

TECHNICAL DATA

Model	PREMIUM 301 GEN2	PREMIUM 701 GEN2
Design principle	2-way system compact loudspeaker	3-way system floor standing loudspeaker
Recommended amplifier output	20 – 200 watt	20 – 200 watt
Sensitivity	88 db/W/m	90 db/W/m
Impedance	4 ohms	4 ohms
Frequency range (+/- 2 dB)	39 Hz – 50 kHz	34 Hz – 50 kHz
Woofers		2 x 140 mm FSD-W
Bass-midrange driver	1 x 140 mm FSD-M	1 x 140 mm FSD-M
Tweeter	1 x ribbon RM 01-24 / NEW	1 x ribbon RM 01-24 / NEW
Connections	PIEGA Multi Connectors II	PIEGA Multi Connectors II
Dimensions (H x W x D)	31 x 17 x 22,8 cm	111,5 x 17 x 22,8 cm / stand Ø 30cm
Weight	6,1 kg	20,9 kg
Versions	Silver sandblasted aluminium, Silver fabric cover Black sandblasted aluminium, Black fabric cover White varnished aluminium, White fabric cover	Silver sandblasted aluminium, Silver fabric cover Black sandblasted aluminium, Black fabric cover White varnished aluminium, White fabric cover

