

*Sonus faber*

ARTISAN OF SOUND



PALLADIO

# SONUS FABER, THE HISTORY OF HAND-MADE SOUND

Sonus faber began with the intention of creating handmade, quality products for musical reproduction with incredible sound performance and building quality, that was also aesthetically pleasing in design.

This concept became a reality in 1983 with the introduction of the first two-way monitor speakers, made from solid walnut wood. After the launch of these products, Sonus faber became known to the world, and due to the foundation of the original vision and strong network of international partners, the company quickly grew into a recognized brand.

From that moment on, Sonus faber progressed and evolved significantly. Sonus faber began innovative research initiatives such as the traditions of Italian violinmaking, the concept of the speaker as a real musical instrument, and the use of new materials such as carbon fiber and solid aluminum, flanked by the iconic natural materials such as leather and wood.

Sonus faber is part of McIntosh Group, industrial group of Audio High End, along with the iconic McIntosh Laboratories and the premier importer and distributor of hi-end audio products in north America Sumiko.

Represented worldwide by our distribution network, Sonus faber has stayed true to its "modus operandi" and values. The value of people and craftsmanship expertise, together with the technical excellence in sound reproduction, remain the cornerstones to reach the emotion of a state-of-the-art listening experience.



# THE INTRODUCTION: PALLADIO CUSTOM INSTALLATION SPEAKERS

With its experience as a leader in the high-end loudspeakers systems manufacturing field, Sonus faber is proud to introduce a line of custom installation speakers.

Developed as a solution to the lack of high-quality craftsmanship and warmth of sound in modern architectural speakers, the new Palladio collection works to expand the spaces of the listening experience, bringing the Voice of Sonus faber beyond the boundaries of traditional listening rooms.

Artist and architect Andrea Palladio has always been a source of inspiration for Sonus faber. He used to design his models to be perfectly integrated into every architectural environment. The new collection remains true to the Sonus faber legacy, boasting capabilities of unique sound.

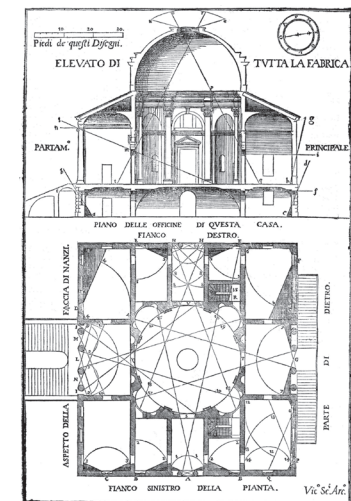
## The inspiration: Andrea Palladio and Vicenza

Andrea Palladio is one of the most renowned architects of the Italian Renaissance. In Vicenza, he created many of his major masterpieces (Basilica Palladiana, Villa La Rotonda, the Teatro Olimpico) and wrote a fundamental treatise on architecture- a still unsurpassed reference for the definition of classical proportions rules.

The grandeur and legacy of Palladio still echoes today in the streets of Vicenza, which is now included in the UNESCO World Heritage Site. This small Venetian town where Sonus faber is based, is a territory rich in history, art, tradition and excellent craftsmen. We aim to infuse this cultural tone and city identity into all of our products.



Teatro Olimpico - Vicenza

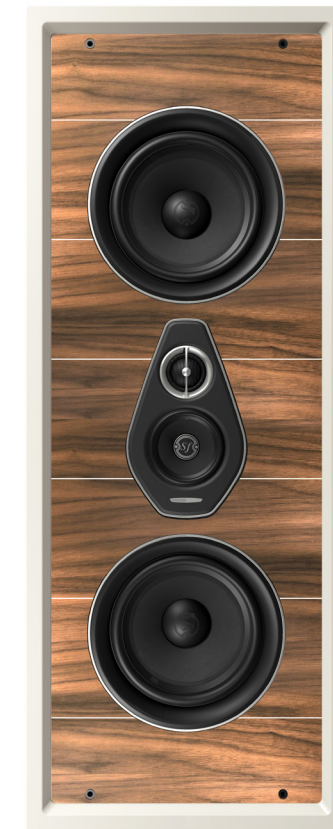




P R O J E C T

## THE VOICE OF SONUS FABER

Palladio custom installation speakers naturally combine esteemed functionality and versatility of use with beautiful aesthetic and sound. This product's vision aimed to break barriers for music, respecting the proportion of the listening environment, to bring the emotion of the musical experience everywhere in a total sound immersion. To achieve this goal, the Palladio collection features several important design solutions available in the Sonus faber high end loudspeakers catalogue.



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## THE SPEAKERS

We can subdivide the Palladio collection into two products lines: Level 5 and Level 6, ideal completion of Sonetto and Olympica Nova collections respectively with 13 models in total. Level 5 offers 2 in-Wall and 4 in-ceiling speakers and the Level 6 includes 2 in-wall and 5 in-ceiling speakers. Additionally, both lines boast an option to add a versatile passive subwoofer (PS-G101).



## THE SOUND

The Voice of Sonus faber is timbre of our loudspeakers systems, especially in the mid-high frequencies section: a warm and fascinating sound obtained by means of design solution that identify the DNA of the brand.

As for our line of passive loudspeakers, the 29 mm silk dome tweeters are characterized by DAD (Damped Apex Dome™) technology and mid-ranges and mid-woofers are equipped with custom diaphragms made in natural fiber and cellulose pulp.

The Paracross Topology™ circuitry design is featured on most of the Crossover networks of line's models.

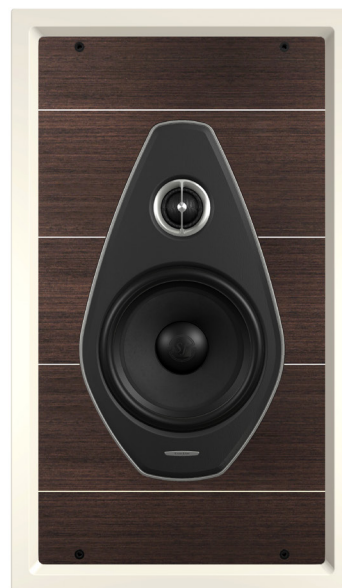


## THE DESIGN

Any Custom Installation speaker line is designed to blend into the listening environment, but the Palladio Collection is intended to be seen and showcase the beauty of Italian design and creativity, without compensating functionality.

Front panels of Level 5 speakers reference our "traditional" collections and integrate the string pattern explicitly reminiscent of the Sonetto stand design.

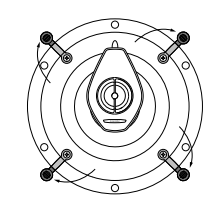
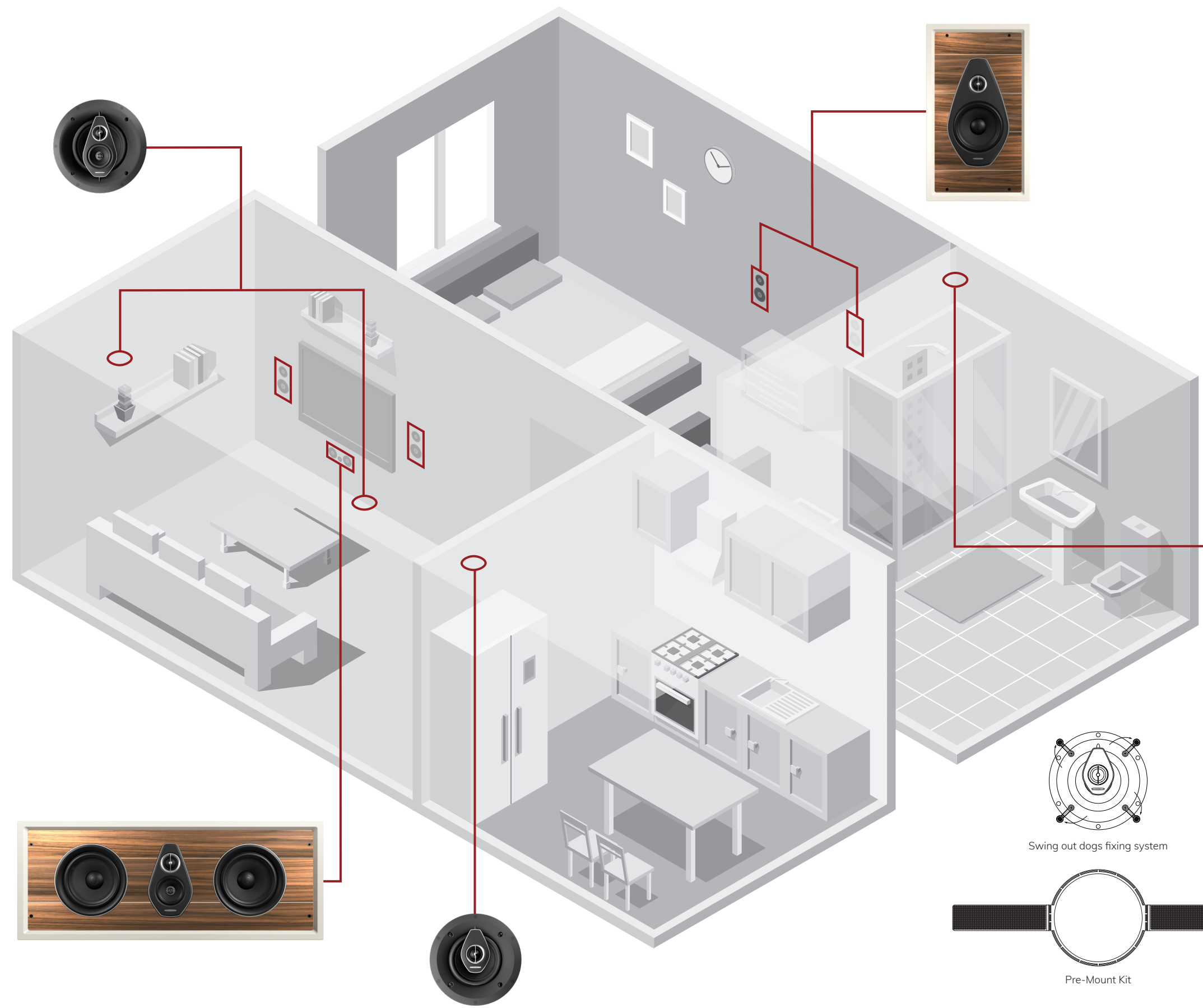
The Level 6 evokes the essence of Olympica Nova collection, featuring precious materials as leather, wood and the iconic string grille.



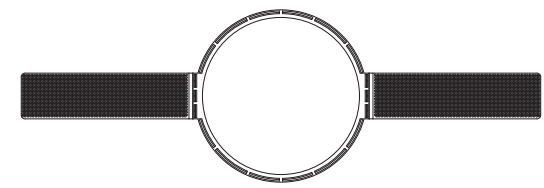
# THE CONFIGURATION

The Sonus faber Palladio collection is made up of 13 models of loudspeakers designed to satisfy all listening needs in home theater, stereo and multi-room configurations.

A versatile collection, the Palladio custom installation speakers offer an ideal completion for every system. They are designed to offer a complete solution for every listening room and occasion to become a part of the everyday listening experience.



Swing out dogs fixing system



Pre-Mount Kit

# QUICK INSTALLATION

Thanks to the swing out dogs fixing system, all Palladio speakers can be secured quickly and effectively to plasterboard.

All Palladio in-ceiling speakers (except for PC-664P and PC-563P) can be completed with their pre-mount kit, an optional accessory for new constructions installations.

# LEVEL 6

The Level 6 drew inspiration from past loudspeaker collections by Sonus faber. The Olympica Nova collection is the reference point for the 7 models of the line, both in-wall and in-ceiling.





## THE VOICE OF SONUS FABER

Olympica Nova collection is immediately recognizable in the shape of the Voice of Sonus faber, with the leather that embellishes the configuration of tweeter and midwoofer.

The 29 mm silk dome tweeter features the DAD (Damped Apex Dome™) technology and the mid-woofer's custom diaphragm is made in natural fiber and cellulose pulp, to guarantee that typical sound of the Voice of Sonus faber. All the Level 6 loudspeakers feature the die-cast aluminum baskets, designed by the Sonus faber laboratories and implemented in all products, it further ensures structural rigidity and purity of sound.



## PARACROSS TOPOLOGY™

The Paracross Topology™ technology is implemented in all Sonus faber crossover networks and designs to ensure quality and purity of sound. For the Level 6, the circuitry has been enriched with custom made capacitors, branded by Sonus faber.



## DESIGN

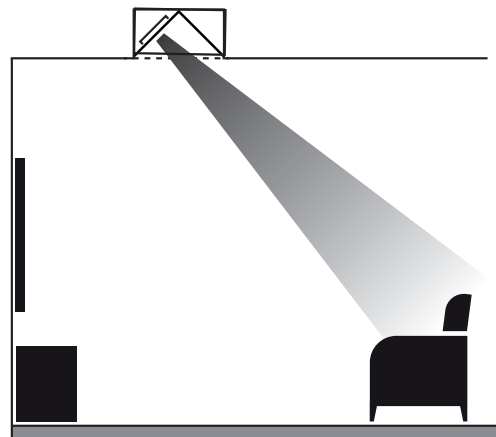
With Level 6 of the Palladio collection, we reach for higher structural standards, particularly regarding the choice of materials. Beside the Voice of Sonus faber shape covered in leather, the unmistakable Sonus faber style is further achieved with the integration of a Premium Kit as an additional fitting for the PL-664 and PW-662.



[PW-662]

It consists in a package made of three key accessories: a natural wood front panel enriched with hand-made maple inlays, available in walnut or wengè finishes; the classic elastic string grille, the iconic design elements of higher Sonus faber ranges; a paintable magnetic frame to cover the aluminum edges and make the speaker completely integrated in environment.

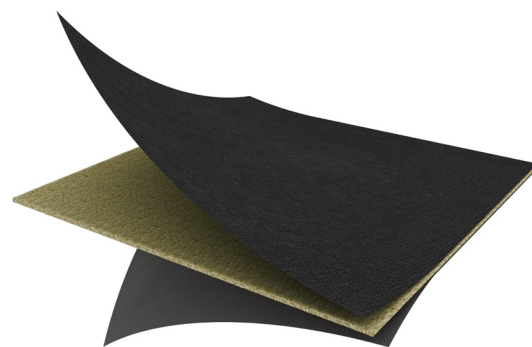
Two in-ceiling models of Level 6 are angled: PC-662P and PC-664P. These speakers increase the versatility of the collection, allowing users to easily complete any home theater or stereo system in any environment, even those difficult to access. Whenever front speakers cannot be placed on walls, these models can be mounted in ceiling. By positioning drivers to be angled to the surface, the sound emission aims to the direction of the listening position, guaranteeing the same performance of a front channel speaker.



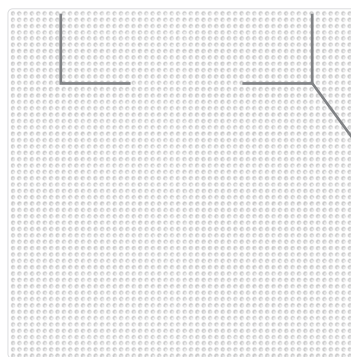
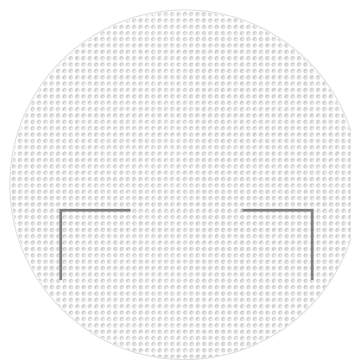
[PC-662P]



[PC-664P]



Woofers of PC-664P and PL-664 models, respectively in-ceiling angled and LCR models, are made with the sandwich construction technique: two sheets of cellulose pulp are combined with a hi-tech syntactic foam in between them. This high-rigidity structure provides fast and powerful sound reproduction while allowing total coherence with the mid-high units.



[PC-683]

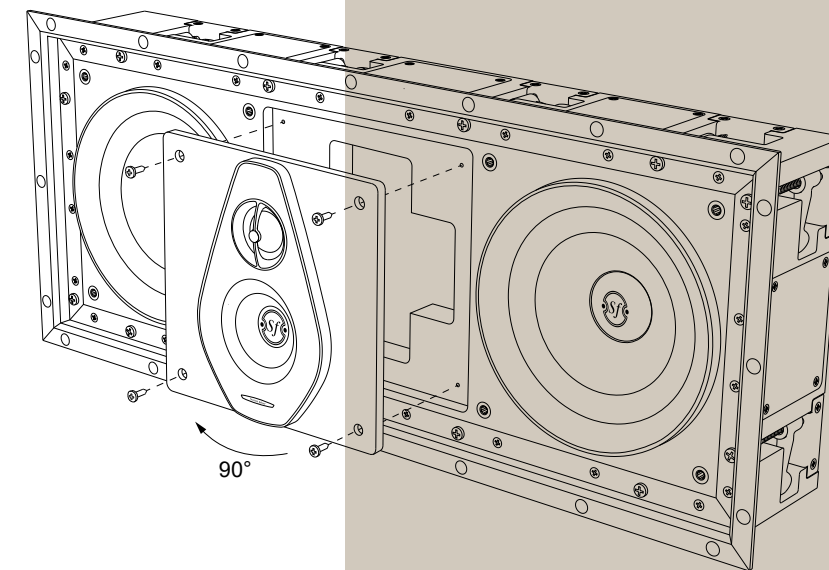
All Palladio series models are equipped with a magnetic, edgeless metal grille, designed to make each model as discreet as possible. All models' grilles are ready to be painted and all in-ceilings round models can be equipped with a square magnetic grille, to further increase the freedom of listener's choice.



The LCR model PL-664 is designed to be installed both horizontally and vertically according to different needs: front / side / surround channel if used in vertical position or center channel if mounted horizontally.



[PL-664]



Two versions of the wooden panel are available to allow both arrangements. The midrange-tweeter assembly can be adjusted according to desired use, by simply removing the 4 screws completely, positioning the loudspeaker support panel and reintroducing the screws.



PC-662



PC-662P



PC-682



PC-683



PC-664P



PL-664



PW-662



<b>Loudspeaker system</b>	2 way in-ceiling system. Infinite baffle.	2 way point in-ceiling system. Infinite baffle.	2 way in-ceiling system. Infinite baffle.	3 way in-ceiling system. Infinite baffle.	3 way point in-ceiling system. Drone cone passive radiator enclosure.	3 way left/right/center in-wall. Drone cone passive radiator enclosure.	2 way in-wall. Sealed box enclosure.
<b>Tweeter DAD™ driver</b>	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"
<b>Midrange</b>	-	-	-	80 mm / 3.1"	80 mm / 3.1"	80 mm / 3.1"	-
<b>Woofers/Midwoofer</b>	165 mm / 6.5"	165 mm / 6.5"	200 mm / 8"	200 mm / 8"	165 mm / 6.5"	165 mm / 6.5"	165 mm / 6.5"
<b>Drone Cone</b>	-	-	-	-	165 mm / 6.5"	165 mm / 6.5"	-
<b>Crossover frequency</b>	3,000 Hz	3,000 Hz	2,500 Hz	1,400 - 3,500 Hz	500 - 3,500 Hz	500 - 3,500 Hz	3,000 Hz
<b>Frequency response</b>	50 - 25,000 Hz (-6dB)	50 - 25,000 Hz (-6dB)	45 - 25,000 Hz (-6dB)	45 - 25,000 Hz (-6dB)	58 - 25,000 Hz (-6dB)	56 - 25,000 Hz (-6dB)	60 - 25,000 Hz (-6dB)
<b>Sensitivity (2.83v/1m)</b>	90 dBSPL	90 dBSPL	90 dBSPL	90 dBSPL	90 dBSPL	90 dBSPL	90 dBSPL
<b>Nominal impedance</b>	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
<b>Suggested amplifier power output (*)</b>	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal
<b>Frame outer</b>	Ø 234 mm / 9.2"	Ø 265 mm / 10.4"	Ø 283 mm / 11.1"	Ø 283 mm / 11.1"	411x411 mm / 16.2x16.2"	751x288 mm / 29.5x11.3"	496x288 mm / 19.5x11.3"
<b>Cut out</b>	Ø 208 mm / 8.19"	Ø 244 mm / 9.6"	Ø 257 mm / 10.1"	Ø 257 mm / 10.1"	388x388 mm / 15.2x15.2"	724x265 mm / 28.5x10.4"	473x265 mm / 18.6x10.4"
<b>Depth behind surface</b>	115 mm / 4.5"	172 mm / 6.8"	142 mm / 5.7"	142 mm / 5.7"	220 mm / 8.6"	100 mm / 4"	100 mm / 4"
<b>Protrusion</b>	10 mm / 0.40"	10 mm / 0.40"	13 mm / 0.51"	13 mm / 0.51"	9 mm / 0.35"	15 mm / 0.59"	15 mm / 0.59"
<b>Included in the box</b>	Bezel-Free round magnetic grille	Bezel-Free round magnetic grille	Bezel-Free round magnetic grille	Bezel-Free round magnetic grille	- Bezel-Free square magnetic grille - Security cable	Bezel-Free rectangular magnetic grille	Bezel-Free rectangular magnetic grille
<b>Additional fittings</b>	Bezel-Free square magnetic grille. 236x236 mm / 9.3x9.3"	Bezel-Free square magnetic grille. 287x287 mm / 11.3x11.3"	Bezel-Free square magnetic grille. 287x287 mm / 11.3x11.3"	Bezel-Free square magnetic grille. 287x287 mm / 11.3x11.3"	-	Premium Kit: - Natural wood front mask - String grille Protrusion: 16 mm / 0.63" - Paintable frame 293x752x9mm/11.5x29.6x0.35"	Premium Kit: - Natural wood front mask - String grille Protrusion: 16 mm / 0.63" - Paintable frame 293x501x9mm/11.5x19.7x0.35"
	Pre-mount kit Tot length: 1155 mm / 45.5"	Pre-mount kit Tot length: 1190 mm / 46.9"	Pre-mount kit Tot length: 1207 mm / 47.5"	Pre-mount kit Tot length: 1207 mm / 47.5"	-	-	-
<b>Net Weight</b>	3,63 kg / 8 lb	3,83 kg / 8.44 lb	4,36 kg / 9.6 lb	4,56 kg / 10 lb	10,4 kg / 22.92 lb	10,3 kg / 22.7 lb	6,7 kg / 14.9 lb
<b>Square grille Net Weight</b>	0,32 kg / 0.7 lb	0,44 kg / 0.97 lb	0,44 kg / 0.97 lb	0,44 kg / 0.97 lb	-	-	-
<b>Pre-mount Kit Net Weight</b>	0,32 kg / 0.7 lb	0,34 kg / 0.74 lb	0,34 kg / 0.74 lb	0,34 kg / 0.74 lb	-	-	-
<b>Premium Kit Net Weight</b>	-	-	-	-	-	0,88 kg / 1.94 lb	0,55 kg / 1.21 lb

\* see instruction's manual for more information

\*\* unfiltered& unequalized. External filtering required.

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# LEVEL 5

Palladio collection Level 5 features 6 models both in-ceiling and in-wall, inheriting design and technical solutions from the entry level line of Sonus faber, the Sonetto collection.



## THE VOICE OF SONUS FABER

The Palladio Level 5 architectural products are engineered to match Sonetto collection through the choice of materials, the electroacoustic project and design. The satin aluminum trims that frame the tweeter and the mid-woofer of PW-562 model create the "Voice of Sonus faber" aesthetic found in our traditional loudspeaker collections. The 29 mm silk dome tweeter features the DAD (Damped Apex Dome™) technology and the mid-woofer's custom diaphragm is made in natural fiber and cellulose pulp according to the most natural sound.

## PARACROSS TOPOLOGY™

This trademarked technology is implemented on all Sonus faber crossover networks to guarantee a better definition and purity of sound. The Paracross Topology™ has been used for the design of all Palladio collection models, ensuring a standard of quality sound reproduction at all times.

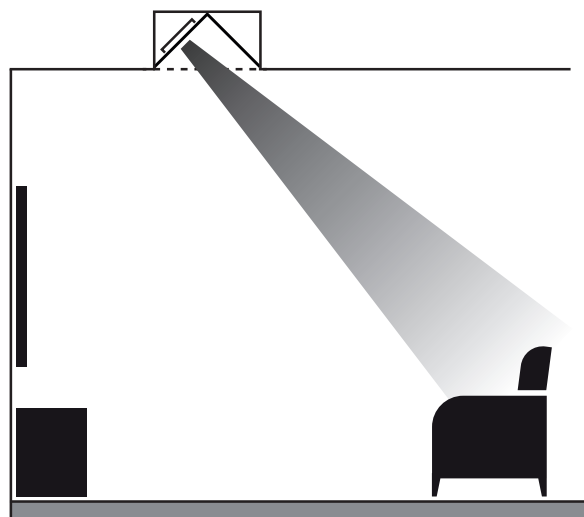
## DESIGN

On the models front panels, we referenced past collections to integrate the string pattern explicitly reminiscent of the Sonetto stand design, where the motif ideally referred to the use of the elastic strings of the first Guarneri stands (1993).



[PW-562]

Two in-ceiling models of Level 5 are angled: PC-562P and PC-563P. These speakers increase the versatility of the collection, allowing users to easily complete any home theater or stereo system, in any environment- even those difficult to access. Whenever front speakers cannot be placed on walls, these models are made to be mounted in ceiling. By positioning the drivers to be angled to the surface, the sound emission aiming to the direction of the listening position, guaranteeing the same performance of a front channel speaker.



[PC-562P]

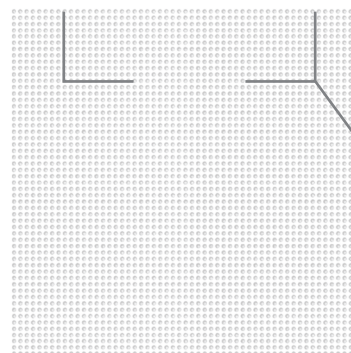
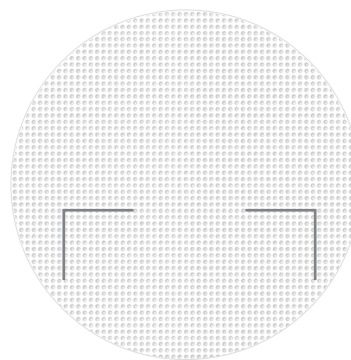


[PC-563P]



[PL-563]

The LCR model PL-563 is designed to cover multiple roles according to different needs: front / side / surround channel if used in vertical position or center channel if mounted horizontally. The tweeter aluminum trim can be oriented according to the needs.



[PC-582]



All Palladio series models are equipped with a magnetic, edgeless metal grille, designed to make each model as discreet as possible. All models grilles are ready to be painted and all in-ceiling round models can be equipped with a square magnetic grille, to further increase the freedom of listener's choice.

PC-562



PC-562P



PC-582



PC-563P



PL-563



PW-562



PS-G101



SUBWOOFER

<b>Loudspeaker system</b>	2 way in-ceiling system. Infinite baffle.	2 way point in-ceiling system. Infinite baffle.	2 way in-ceiling system. Infinite baffle.	2 way point in-ceiling system. Infinite baffle.	2 way left/right/center in-wall system. Infinite baffle.	2 way in-wall system. Infinite baffle.	In-wall passive subwoofer. Infinite baffle.
<b>Tweeter DAD™ driver</b>	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	29 mm / 1.1"	-
<b>Woofer/Midwoofer</b>	165 mm / 6.5"	165 mm / 6.5"	200 mm / 8"	2x165 mm / 2x6.5"	2x165 mm / 2x6.5"	165 mm / 6.5"	250 mm / 10"
<b>Crossover frequency Paracross Topology™</b>	3,000 Hz	3,000 Hz	3,000 Hz	1,650 Hz	1,650 Hz	3,000 Hz	-
<b>Frequency response</b>	50 - 25.000 Hz (-6dB)	50 - 25.000 Hz (-6dB)	45 - 25.000 Hz (-6dB)	45 - 25.000 Hz (-6dB)	50 - 25.000 Hz (-6dB)	50 - 25.000 Hz (-6dB)	35 - 1.000 Hz (**)
<b>Sensitivity (2.83v/1m)</b>	90 dBSPL	90 dBSPL	90 dBSPL	92 dBSPL	92 dBSPL	88 dBSPL	86 dBSPL
<b>Nominal impedance</b>	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	8 Ω
<b>Coverage Angle (1 kHz, @-6 dB)</b>	±60° H - ±60° V	±60° H - ±60° V	±60° H - ±60° V	±45° H - ±45° V	±45° H - ±60° V	±60° H - ±60° V	-
<b>Suggested amplifier power output (*)</b>	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 200 W Undistorted signal	40 – 250 W Undistorted signal	40 – 250 W Undistorted signal	40 – 200 W Undistorted signal	200 – 800 W Undistorted signal
<b>Frame outer</b>	Ø 234 mm / 9.2"	Ø 265.2 mm / 10.4"	Ø 283 mm / 11.1"	460x386 mm / 18.1x15.1"	471x216 mm / 18.5x8.5"	216x323 mm / 8.5x12.7"	310x310 mm / 12.2x12.2"
<b>Cut out</b>	Ø 208 mm / 8.19"	Ø 244 mm / 9.6"	Ø 257 mm / 10.1"	433x359 mm / 17x14.1"	448x192 mm / 17.6x7.6"	192x299 mm / 7.6x11.8"	280x280 mm / 11x11"
<b>Depth behind surface</b>	115 mm / 4.52"	170 mm / 6.70"	139 mm / 5.5"	148 mm / 5.82 "	100 mm / 4"	100 mm / 4"	98 mm / 3.9"
<b>Protrusion</b>	10 mm / 0.40"	10 mm / 0.40"	13 mm / 0.51"	13 mm / 0.51 "	13 mm / 0.51"	12 mm / 0.47"	23 mm / 0.9"
<b>Included in the box</b>	Bezel-Free round magnetic grille	Bezel-Free round magnetic grille	Bezel-Free round magnetic grille	Bezel-Free square magnetic grille	Bezel-Free rectangular magnetic grille	Bezel-Free rectangular magnetic grille	Bezel-Free square magnetic grille
<b>Additional fittings</b>	Bezel-Free square magnetic grille 236x236 mm / 9.3x9.3"	Bezel-Free square magnetic grille 287x287 mm / 11.3x11.3"	Bezel-Free square magnetic grille 287x287 mm / 11.3x11.3"	-	-	-	-
	Pre-mount kit Tot length: 1155 mm / 45.5"	Pre-mount kit Tot length: 1190 mm / 46.9"	Pre-mount kit Tot length: 1207 mm / 47.5"	-	-	-	-
<b>Net Weight</b>	3,1 Kg / 6.8 lb	3,2 Kg / 7 lb	3,4 Kg / 7.5 lb	6,8 Kg / 15 lb	6,3 Kg / 13.9 lb	3,7 Kg / 8.2 lb	5,6 Kg / 12.4 lb
<b>Square grille Net Weight</b>	0,32 kg / 0.7 lb	0,44 kg / 0.97 lb	0,44 kg / 0.97 lb	-	-	-	-
<b>Pre-mount kit Net Weight</b>	0,32 kg / 0.7 lb	0,34 kg / 0.74 lb	0,34 kg / 0.74 lb	-	-	-	-

\* see instruction's manual for more information

\*\* unfiltered& unequalized. External filtering required.

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