

Design  
Your  
Harmony

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*Sonus faber*

**PALLADIO**

Design Your Harmony



## SONUS FABER, THE HISTORY OF HAND-MADE SOUND

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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. Today, after more than 35 years of history, Sonus faber is part of one of the biggest industrial groups in the Audio High End, McIntosh Group, along with iconic US-based brands such as Audio Research Corp. and McIntosh Laboratories.

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 COLLECTION

After 35 years 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.

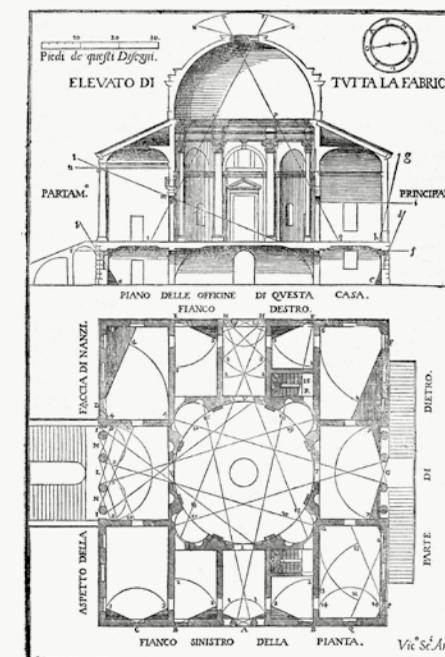


Teatro Olimpico - Vicenza

# 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.



*Palladio*



P R O J E C T

## THE VOICE OF SONUS FABER

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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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PALLADIO

## THE SPEAKERS

We can subdivide the Palladio collection into two lines: Level 5 and Level 6, ideal completion of Sonetto and Olympica 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 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 speakers reference our "traditional" collections and integrate the string pattern explicitly reminiscent of the Sonetto bookshelves' stand design (Level 5). The Level 6 features the walnut wood front panels with maple inlays, derived from the typical Olympica finish.

For those who do not want to renounce to the Sonus faber style, Level 6 (PL-664 and PW-662 models) can be upgraded with classic elastic grilles masks, typical feature of our most recognized models.

## THE SOUND

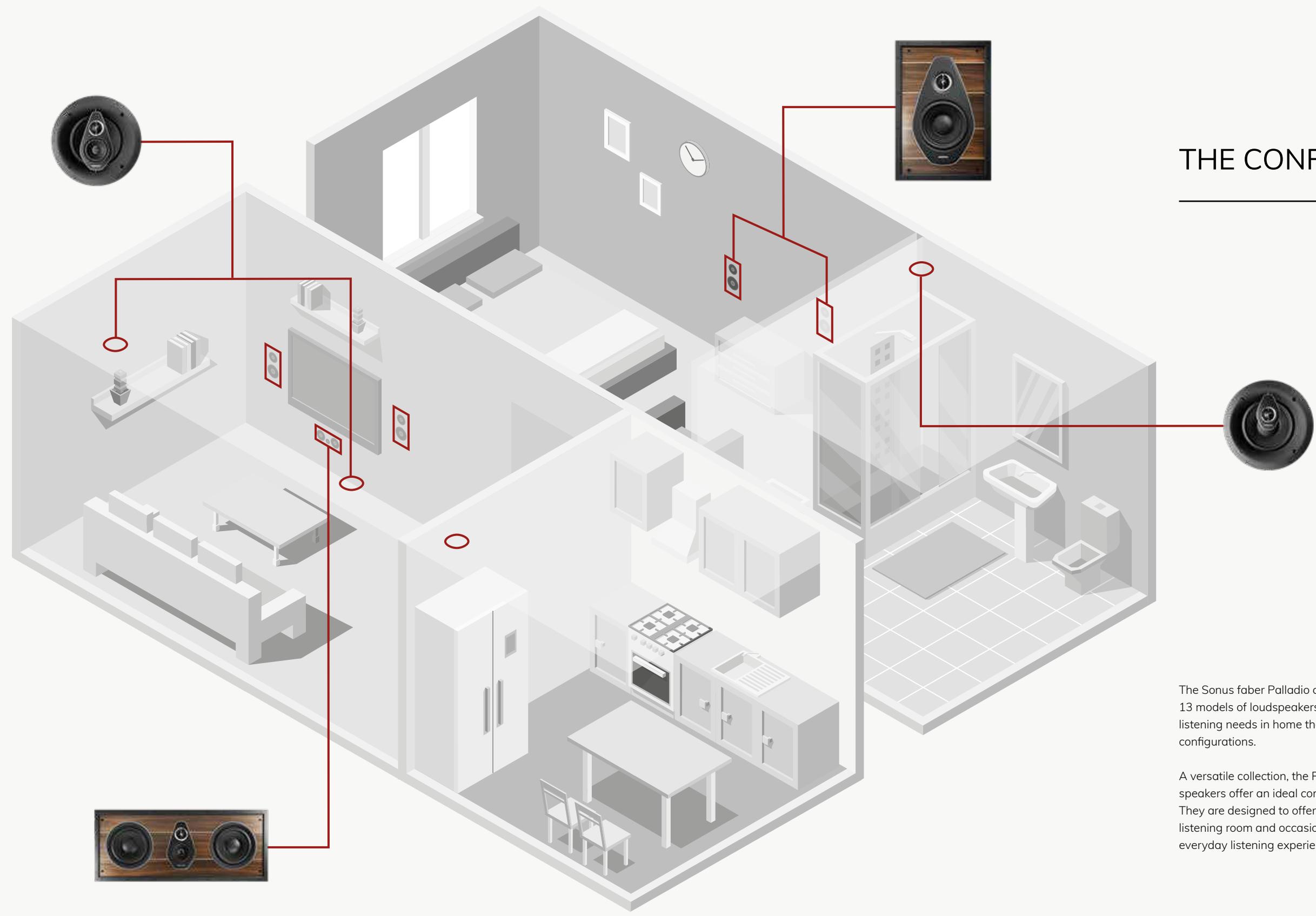
The Voice of Sonus faber is timbre of our loudspeakers systems, especially in the mid-high frequencies section: a warm and fascinating sound obtained by means of design solution that identify the DNA of the brand.

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 Crossover network of the entire line is designed for better definition and purity of sound featuring the Paracross Topology™ circuitry.



# 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.

# LEVEL 6

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





## THE VOICE OF SONUS FABER

Olympica collection is immediately recognizable in the shape of the Voice of Sonus faber. 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, developed and used for the first time on our 35th anniversary celebration model Electa Amator III.

## DESIGN

With Level 6 of the Palladio collection, we reach for higher structural standards, particularly regarding the choice of materials. The front baffle is covered in natural leather, recovering the front panel shape of Olympica collection, while identifying the Italian roots of the brand.

The unmistakable Sonus faber style is further achieved with the integration of 2 accessories available for the PL-664 and PW-662; the walnut wood front panels with hand-made inlays in maple and the classic elastic string grilles. These serve as iconic design elements and as a tribute to stringed musical instruments that have guided the fortune of our brand and industry.

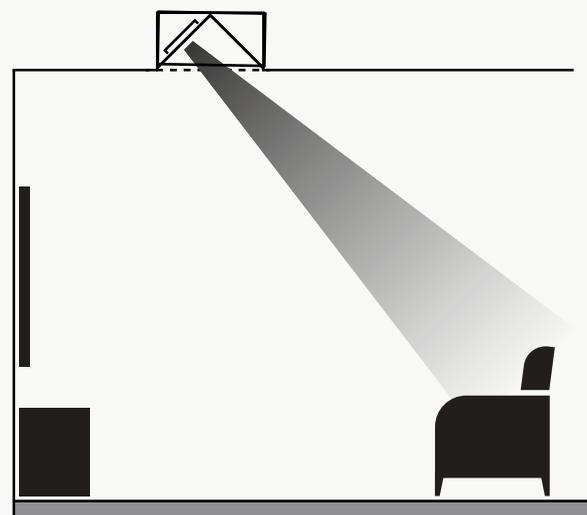


[PW-662]

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.

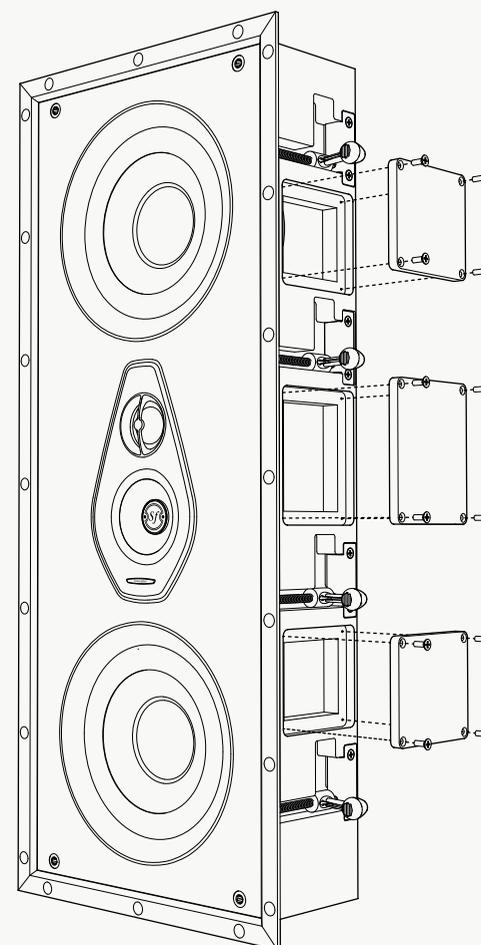


[PC-662P]



[PL-664P]

In Level 6, 3 models (PC-664P, PL-664, PW-662) are provided with a wooden sealed box, designed to be used when a sound insulation is needed. The box is the ideal solution to avoid sound pollution through to other floors and simultaneously allows precise control of speaker loads. However, it's possible to open the boxes to allow acoustic loading of the inter-space inside the plasterboard, as for all models.

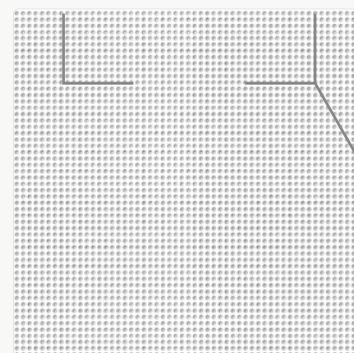
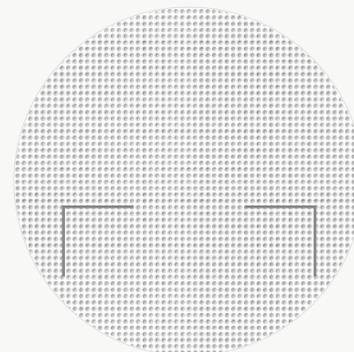


[PL-664]

The LCR model PL-664 is designed to cover multiple roles according to different needs; front channel if used in vertical position or center channel if mounted horizontally, always able to turn any room into a fully capable movie and music theater environment.



[PL-664]



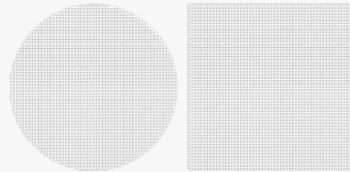
[PC-683]

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-ceiling models include an additional square grille, to further increase the freedom of listener's choice.

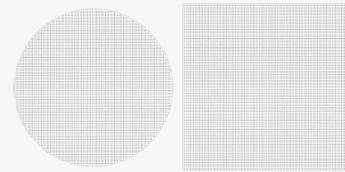


Thanks to the swing out dogs fixing system, all Palladio speakers can be secured quickly and effectively to plasterboard.

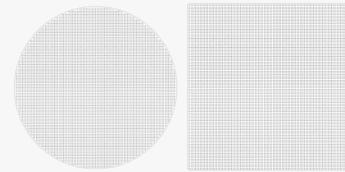
PC-662



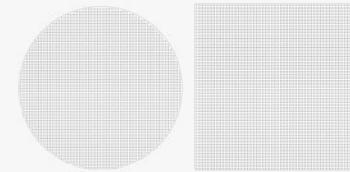
PC-662P



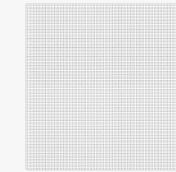
PC-682



PC-683



PC-664P



PL-664



PW-662



<b>Loudspeaker system</b>	2 way in-ceiling system. Open design.	2 way point in-ceiling system. Open design.	2 way in-ceiling system. Open design.	3 way in-ceiling system. Open design.	3 way point in ceiling system. Sealed design. (Optionally openable)	3 way left/right/center in-wall. Sealed design. (Optionally openable)	2 way in-wall. Sealed design. (Optionally openable).
<b>Tweeter DAD™ driver</b>	29 mm / 1,1"	29 mm / 1,1"	29 mm / 1,1"				
<b>Midwoofer</b>	165 mm / 6,5"	165 mm / 6,5"	200 mm / 8"	<b>Midrange:</b> 80 mm / 3,1"	<b>Midrange:</b> 80 mm / 3,1"	<b>Midrange:</b> 80 mm / 3,1"	165 mm / 6,5"
<b>Woofers</b>	-	-	-	200 mm / 8"	2 x 165 mm 2 x 6,5"	2 x 165 mm 2 x 6,5"	-
<b>Crossover frequency Paracross Topology™</b>	3.000 Hz	3.000 Hz	3.000 Hz	250 Hz -3.000 Hz	250 Hz -1.650 Hz	250 Hz -1.650 Hz	3.000 Hz
<b>Frequency response</b>	42 Hz -35.000 Hz	42 Hz -35.000 Hz	38 Hz -35.000 Hz	38 Hz -25.000 Hz	38 Hz -25.000 Hz	38 Hz -25.000 Hz	42 Hz -35.000 Hz
<b>Sensitivity (2.83v/1m)</b>	90dB SPL	90dB SPL	90dB SPL	90dB SPL	92dB SPL	90dB SPL	88dB SPL
<b>Nominal impedance</b>	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
<b>Suggested amplifier power output</b>	40W – 200W	40W – 200W	40W – 200W				
<b>Long-term max input voltage (IEC-268-5)</b>	20V rms	20V rms	20V rms	22V rms	22V rms	22V rms	20V rms
<b>Frame outer</b>	234 mm / 9.2"	265 mm / 10.4"	283 mm / 11.1"	283 mm / 11.1"	411 x 411 mm 16.1 x 16.1"	655 x 270 mm 25.7 x 10.6"	270 x 397 mm 10.6 x 15.6"
<b>Cut out</b>	208 mm / 8.19"	244 mm / 9.6"	257 mm / 10.1"	257 mm / 10.1"	388 x 388 mm 15.3 x 15.3"	247 x 632 mm 9.7 x 24.8"	247 x 374 mm 9.7 x 14.7"
<b>Depth behind surface</b>	115 mm / 4.5"	172 mm / 6.8"	142 mm / 5.7"	142 mm / 5.7"	194 mm / 7.6"	113 mm / 4.5"	112 mm / 4.4"
<b>Protrusion</b>	10 mm / 0.40"	10 mm / 0.40"	13 mm / 0.51"	13 mm / 0.51"	10 mm / 0.40"	13 mm / 0.51"	13 mm / 0.51"
<b>Included in the box</b>	Bezel-Free square and round magnetic grilles	Bezel-Free square magnetic grilles	Bezel-Free square magnetic grilles	Bezel-Free square magnetic grilles			
<b>Additional fittings</b>	-	-	-	-	-	Natural walnut wood front mask	Natural walnut wood front mask
	-	-	-	-	-	String grilles	String grilles

# LEVEL 5

Similar to Level 6, the Level 5 of the Palladio collection 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.



LEVEL 5



## THE VOICE OF SONUS FABER

The characterization of Level 5 front panels, immediately evident on the PW-562, is the same of the Sonetto collection. The satin aluminum trims that frame both tweeter and mid-woofer, create the "Voice of Sonus faber" aesthetic found in our traditional loudspeaker collections. The 29 mm silk dome tweeter feature the DAD (Damped Apex Dome™) technology and the mid-woofer's custom diaphragm is made in natural fiber and cellulose pulp, to guarantee the traditional "Voice of Sonus faber".

## 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

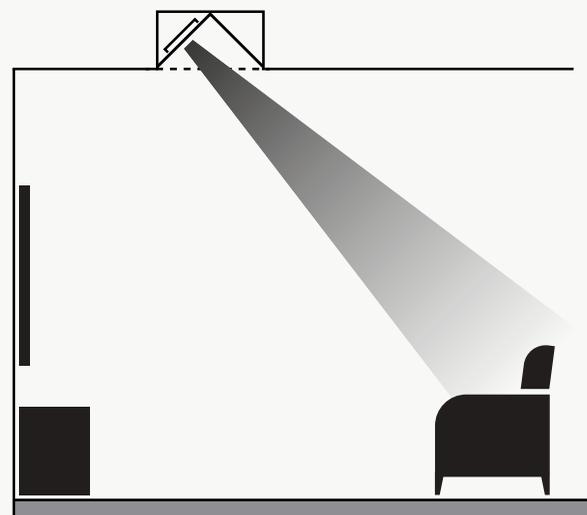
On the models front panels, we referenced past collections to integrate the string pattern explicitly reminiscent of the Sonetto bookshelves stand design, where the motif ideally referred to the use of the elastic strings of the first Guarneri stands (1993).



[PW-562]

## LEVEL 5

Two 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 the 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.



The LCR model PL-563 is designed to cover multiple roles according to different needs; front channel if used in vertical position or center channel if mounted horizontally, always able to turn any room into a fully capable movie and music theater environment.



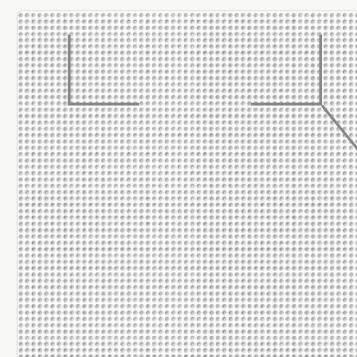
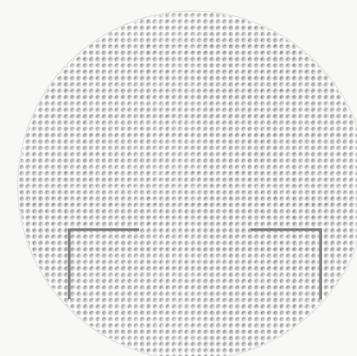
[PC-562]



[PL-563P]



[PL-563]



[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 models include an additional square grille, to further increase the freedom of listener's choice.



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

PC-562



PC-562P



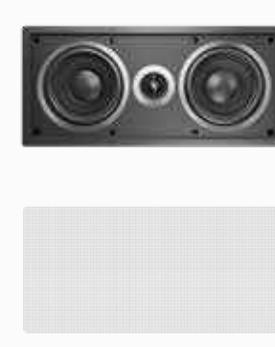
PC-582



PC-563P



PL-563



PW-562



PS-G101



<b>Loudspeaker system</b>	2 way in-ceiling system. Open design.	2 way point in-ceiling system. Open design.	2 way in-ceiling system. Open design.	2 way point in-ceiling system. Open design.	2 way left/right/center in-wall system. Open design.	2 way in-wall system. Open design.	In-wall passive subwoofer. Open design.
<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>Midwoofer</b>	165 mm / 6,5"	165 mm / 6,5"	200 mm / 8"	2 x 165 mm 2 x 6,5"	2 x 165 mm 2 x 6,5"	165 mm / 6,5"	-
<b>Woofers</b>	-	-	-	-	-	-	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>	45 Hz -25.000 Hz	45 Hz -25.000 Hz	40 Hz -25.000 Hz	45 Hz -25.000 Hz	45 Hz -25.000 Hz	45 Hz -25.000 Hz	25 Hz -1.000 Hz
<b>Sensitivity (2.83v/1m)</b>	90dB SPL	90dB SPL	90dB SPL	92dB SPL	92dB SPL	88dB SPL	90dB SPL
<b>Nominal impedance</b>	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
<b>Suggested amplifier power output</b>	40W – 200W	40W – 200W	40W – 200W	40W – 250W	40W – 250W	40W – 200W	200W – 800W
<b>Long-term max input voltage (IEC-268-5)</b>	20V rms	20V rms	20V rms	20V rms	20V rms	20V rms	25V rms
<b>Frame outer</b>	234 mm / 9.2"	265.2 mm / 10.4"	283 mm / 11.1"	460 x 386 mm 18.1 x 15.1"	471 x 216 mm 18.5 x 8.5"	216 x 323 mm 8.5 x 12.7"	310 x 310 mm 12.2 x 12.2"
<b>Cut out</b>	208 mm / 8.19"	244 mm / 9.6"	257 mm / 10.1"	433 x 359 mm 17 x 14.1"	448 x 192 mm 17.6 x 7.6 "	192 x 299 mm 7.6 x 11.8 "	280 x 280 mm 11 x 11"
<b>Depth behind surface</b>	115 mm / 4.52"	170 mm / 6.70"	139 mm / 5.5"	148 mm / 5.82"	101 mm / 3.4"	101 mm / 3.4"	98 mm / 3.8"
<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 square and round magnetic grilles	Bezel-Free square and round magnetic grilles	Bezel-Free square and round magnetic grilles	Bezel-Free square magnetic grilles	Bezel-Free square magnetic grilles	Bezel-Free square magnetic grilles	Bezel-Free square magnetic grilles

Sonus faber reserves the right to change any technical and/or aesthetical features of their products at any time without any previous notice.

