

MAIN FEATURES

FAMILY FEELING :

A visible reminder of the Olympica Nova collection is the front wooden panel with hand-made inlays in maple, available in walnut or wengè finishes.

The leather embellishes the configuration of tweeter and midwoofer.

MAGNETIC GRILLES :

The PW-662 is equipped with a magnetic edgeless square metal grille, ready to be painted.

QUICK INSTALLATION :

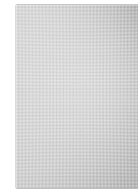
Thanks to the swing out dogs fixing system, all Palladio speakers can be secured quickly and effectively to plasterboard.

PREMIUM KIT:

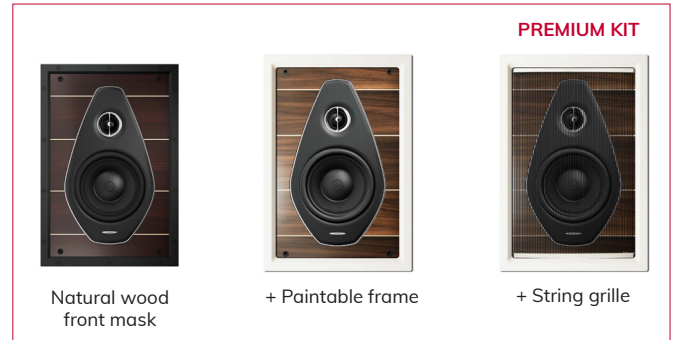
The PW-662 can be completed with the Premium Kit that includes the natural wood front mask, the string grille and the paintable magnetic frame.



PW 662



Square magnetic grille



Natural wood front mask



+ Paintable frame



+ String grille

TWEETER :
DAD™ (Damped Apex Dome) silk dome tweeter.

MID-WOOFER :
The custom diaphragm is made in natural fiber and cellulose pulp, according to the most natural sound.



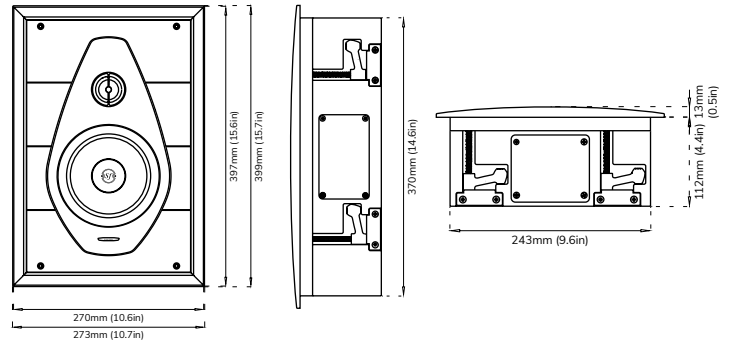
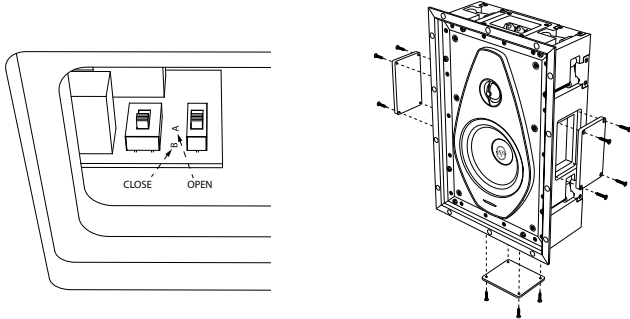
PARACROSS TOPOLOGY™
The anti-resonant design of the x-over network features the Paracross Topology™ circuitry enriched with custom made capacitors branded by Sonus faber.

LOUDSPEAKER SYSTEM	2-way in wall loudspeaker system. Infinite baffle.	
TWEETER - DAD™ DRIVER	29 mm / 1.1 in	
MID-WOOFER	165 mm / 6.5 in	
CROSSOVER FREQUENCY - PARACROSS TOPOLOGY™	3,000 Hz	
FREQUENCY RESPONSE	45 – 25,000 Hz (rear open) 80 – 25,000 Hz (rear sealed)	
SENSITIVITY (2.83 Vrms @ 1m)	88 dB SPL	
NOMINAL IMPEDANCE	4 Ω	
SUGGESTED AMPLIFIER POWER OUTPUT (*)	40 – 200 Wrms without clipping	
FRAME OUTER	270 x 397 mm / 10.6 x 15.6 in	
CUT OUT	247 x 374 mm / 9.7 x 14.7 in	
DEPTH BEHIND SURFACE	112 mm / 4.4 in	
PROTRUSION	13 mm / 0.51 in	
NET WEIGHT	7.44 kg/16.4 lb	
INCLUDED IN THE BOX	Bezel-Free square magnetic grille	
ADDITIONAL FITTINGS	Premium Kit: • Natural wood front mask • String grille • Paintable frame	net weight 0.55 Kg 121.2 lb

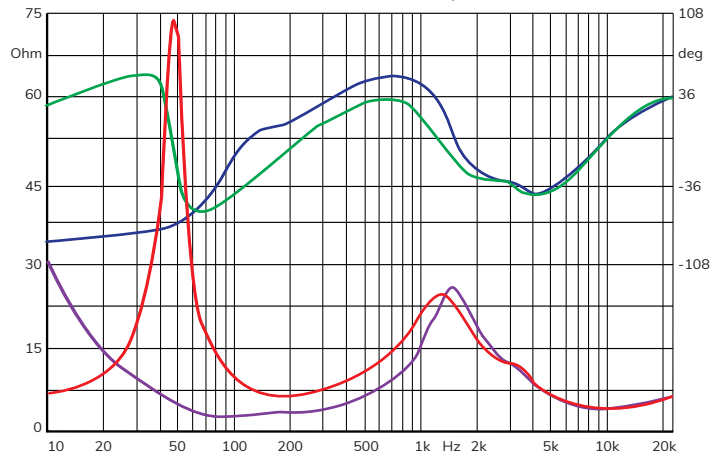
(*) See instruction's manual for more information

SPEAKER CLOSED / OPEN SWITCH

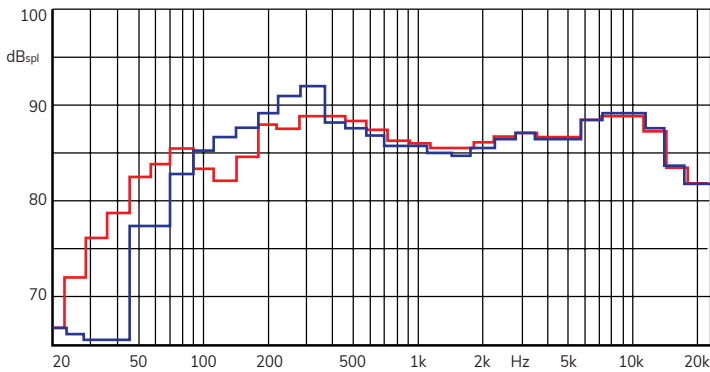
Whenever the "open" speaker is to be introduced into the wall in order to make use of the load offered by the structure of said wall - in order to maximise the extension of the low frequencies- the lateral caps must be removed from the speaker and the switch positioned in the "A" position (open).



**IMPEDANCE [MODULE AND PHASE]
REAR CLOSED + FILTER • CLOSED BOX ; • CLOSED BOX**



**THIRD OCTAVE AXIAL RESPONSE @1m
REAR CLOSED + FILTER • CLOSED BOX ; • OPENED BOX**



AMPLIFIER OUTPUT POWER REQUIREMENTS VS. LISTENING DISTANCE (PER SINGLE CHANNEL) *

	LISTENING DISTANCE [m]						
	1.50	1.75	2.00	2.50	3.00	3.50	4.00
W CONTINUOUS (RMS)	2.3	3.1	4	6.3	9	12	16
W PEAK	4.5	6.1	8	12.5	18	25	32

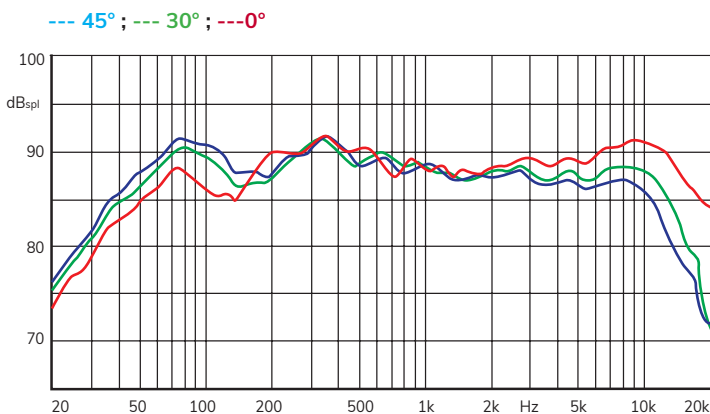
* [FOR A DIRECT SPL=85 dB; 1 kHz SINE TONE]

	LISTENING DISTANCE [m]						
	1.50	1.75	2.00	2.50	3.00	3.50	4.00
W CONTINUOUS (RMS)	18	25	30	50	70	100	130
W PEAK	72	100	130	200	290	390	510

* [FOR A DIRECT SPL=85 dB;
IEC TEST SIGNAL SIMULATING A NORMAL PROGRAM]

The huge difference between the values depends on the signals that have been considered in the two examples. A simple sine tone is the most elementary one while the IEC signal is quite complex. In a real world, while the first could conveniently represent the power needs for speech, the second gives an idea of the power needs for wide frequency range, large headroom music.

HORIZONTAL DISPERSION [@1m WITH 2.83 VRMS]



VERTICAL DISPERSION [@1m WITH 2.83 VRMS]

