

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 rectangular metal grille, ready to be painted.

• **QUICK INSTALLATION :**

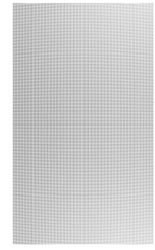
Thanks to the swing out dogs fixing system, all Palladio speakers can be secured quickly and effectively to plasterboard.

• **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



Rectangular magnetic grille

PREMIUM KIT



+ Paintable frame

+ String grille

+ Natural wood front mask



TWEETER :

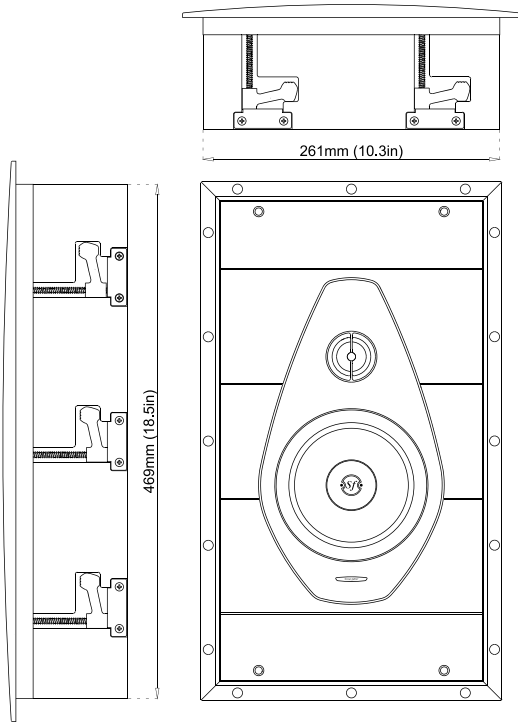
DAD™ (Damped Apex Dome) silk dome tweeter.

MID-WOOFER :

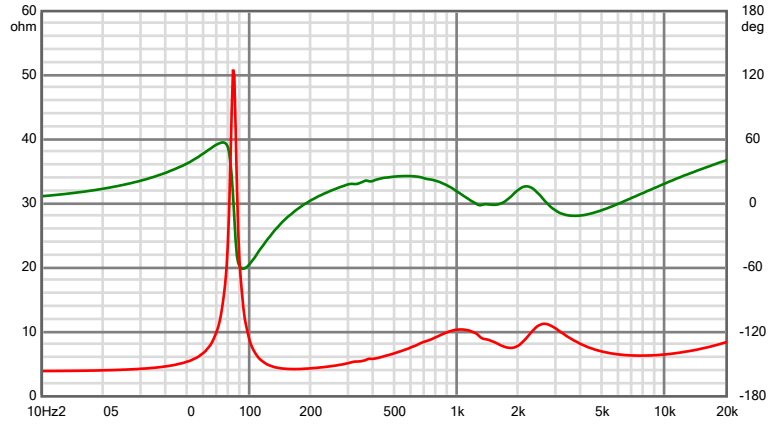
Made with a sandwich construction technique: two sheets of cellulose pulp are combined with a hi-tech syntactic foam in between them.

LOUDSPEAKER SYSTEM	2 way in-wall. Sealed box enclosure	
TWEETER - DAD™ DRIVER	29 mm / 1.1 in	
MID-WOOFER	165 mm / 6.5 in	
CROSSOVER FREQUENCY	3,000 Hz	
FREQUENCY RESPONSE	60 - 25,000Hz(-6dB)	
SENSITIVITY (2.83 Vrms @ 1m)	90 dB SPL	
NOMINAL IMPEDANCE	4 Ω	
SUGGESTED AMPLIFIER POWER OUTPUT (*)	40 – 200 W Undistorted signal	
FRAME OUTER	496 x 288 mm / 19.5 x 11.3 in	
CUT OUT	473 x 265 mm / 18.6 x 10.4 in	
DEPTH BEHIND SURFACE	100 mm / 4 in	
PROTRUSION	15 mm / 0.59 in	
NET WEIGHT	6,7 kg / 14.9 lb	
• INCLUDED IN THE BOX	Bezel-Free rectangular magnetic grille 291x499 mm / 11.4x19.6 in	
• ADDITIONAL FITTINGS	Premium Kit: • Natural wood front mask • String grille • Paintable frame	net weight 0,55 Kg 1.21 lb

(*) See instruction's manual for more information



IMPEDANCE
GENERATOR LOAD IMPEDANCE
GENERATOR LOAD PHASE



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	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]

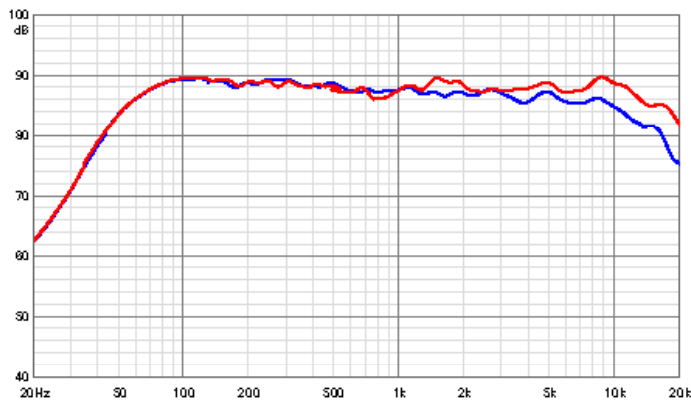
	LISTENING DISTANCE [m]						
	1.50	1.75	2.00	2.50	3.00	3.50	4.00
W CONTINUOUS	18	25	30	50	70	100	130
W PEAK	72	100	130	200	290	390	510

* [FOR A DIRECT SPL=85 dB;

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]

--- 45°; --- 0°



VERTICAL DISPERSION [@1m WITH 2.83 VRMS]

--- 15°; --- 0°

