

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 wengé finishes.

The leather embellishes the Voice of Sonus faber, the iconic configuration of tweeter and midrange and enriches the aesthetic rings around the woofers.

• **MAGNETIC GRILLES :**

The PL-664 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.

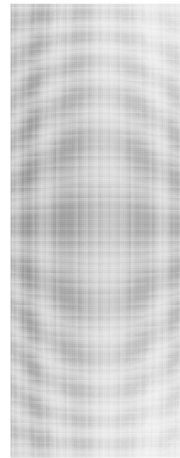
• **MULTIPLE POSITIONS :**

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. Two versions of the wooden panel are available to allow both arrangements by simply removing the 4 screws.

• **PREMIUM KIT:**

The LCR model PL-664 can be completed with the Premium Kit that includes the natural wood front mask, the string grille and the paintable magnetic frame.

PREMIUM KIT



Square magnetic grille



+ Paintable frame

+ String grille

+ Natural wood front mask

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

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



MIDRANGE :

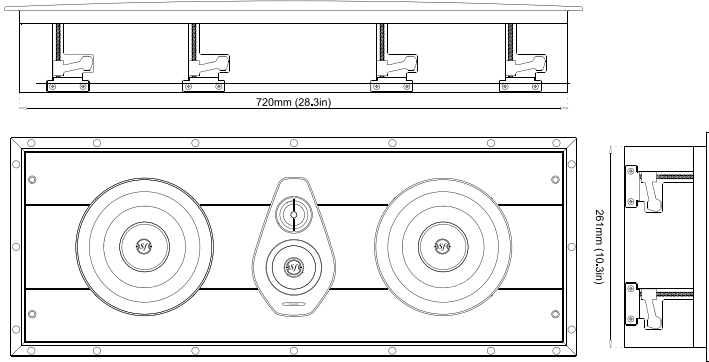
The custom diaphragm is made in natural fiber and cellulose pulp, according to the most natural sound.

DRONE CONE (PASSIVE RADIATOR) :

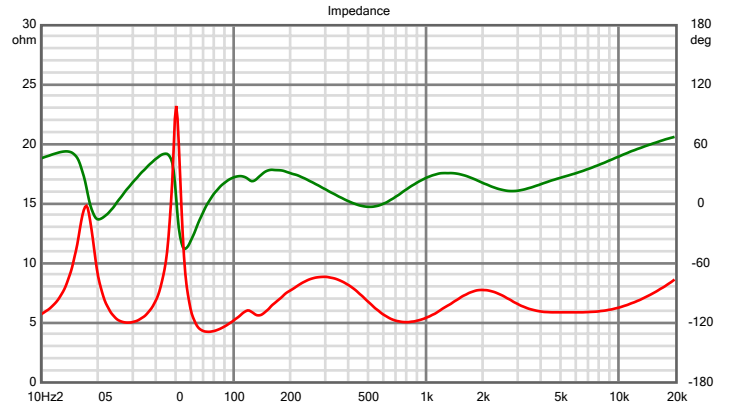
Damped hi excursion suspensions. Made with a sandwich construction technique: two sheets of cellulose pulp are combined with a hi-tech syntactic foam in between them.

LOUDSPEAKER SYSTEM	3 way left / right / center in-wall. Drone cone passive radiator enclosure	
TWEETER - DAD™ DRIVER	29 mm / 1.1 in	
MIDRANGE	80 mm / 3.1 in	
WOOFER	165 mm / 6.5 in	
DRONE CONE	165 mm / 6.5 in	
CROSSOVER FREQUENCY	500 - 3,500 Hz	
FREQUENCY RESPONSE	56 - 25,000Hz(-6dB)	
SENSITIVITY (2.83 Vrms @ 1m)	90 dBSPL	
NOMINAL IMPEDANCE	4 Ω	
SUGGESTED AMPLIFIER POWER OUTPUT (*)	40 – 200W Undistorted signal	
FRAME OUTER	751 x 288 mm / 29.5 x 11.3 in	
CUT OUT	724 x 265 mm / 28.5 x 10.4 in	
DEPTH BEHIND SURFACE	100 mm / 4 in	
PROTRUSION	15 mm / 0.59 in	
NET WEIGHT	10,3 kg / 22.7 lb	
• INCLUDED IN THE BOX	Bezel-Free rectangular magnetic grille 750x291 mm / 29,5x11.4 in	
• ADDITIONAL FITTINGS	Premium Kit: • Natural wood front mask • String grille • Paintable frame	net weight 0,88 kg 1.94 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	1.4	1.9	2.5	4	5.7	7.8	10
W PEAK	2.9	3.9	5.1	7.9	11.4	15.5	20

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

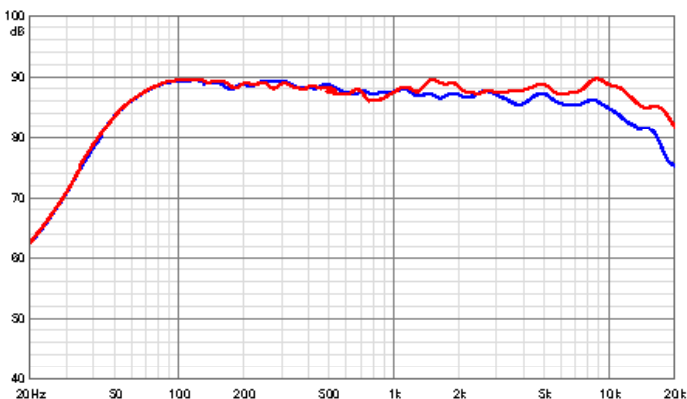
	LISTENING DISTANCE [m]						
	1.50	1.75	2.00	2.50	3.00	3.50	4.00
W CONTINUOUS	11.3	15.4	20.1	32	45	62	80
W PEAK	45	60	80	125	180	246	320

* [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]

--- 45°; --- 0°



VERTICAL DISPERSION [@1m WITH 2.83 VRMS]

--- 15°; --- 0°

