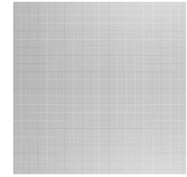


MAIN FEATURES

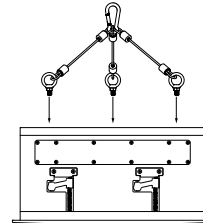
- FAMILY FEELING :**
 A visible reminder of the Olympica Nova collection is the leather that embellishes the Voice of Sonus faber, the iconic configuration of tweeter and midrange.
- SOUND POINTING :**
 Whenever front speakers cannot be placed on walls, this model is made to be mounted in the ceiling. By positioning drivers to be angled to the surface, the sound emission aims to the direction of the listening position.
- MAGNETIC GRILLES :**
 The PC-664P 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.



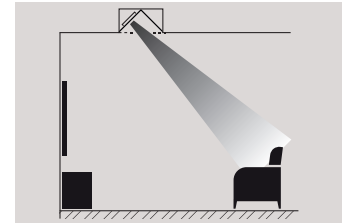
PC 664 P



magnetic square metal grille



Security cable



Sound Pointing

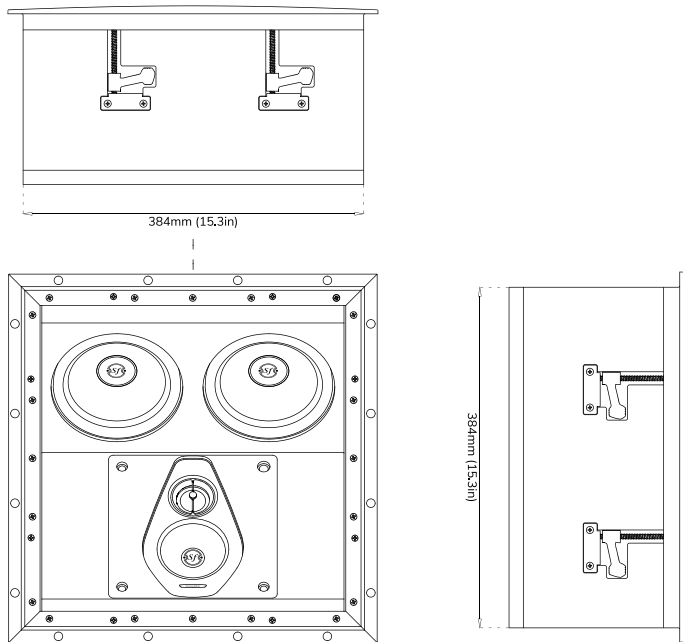
- WOOFER :**
 Made with a sandwich construction technique: two sheets of cellulose pulp are combined with a hi-tech syntactic foam in between them.
- TWEETER :**
 DAD™ (Damped Apex Dome) silk dome tweeter.
- MIDRANGE :**
 The custom diaphragm is made in natural fiber and cellulose pulp, according to the most natural sound.



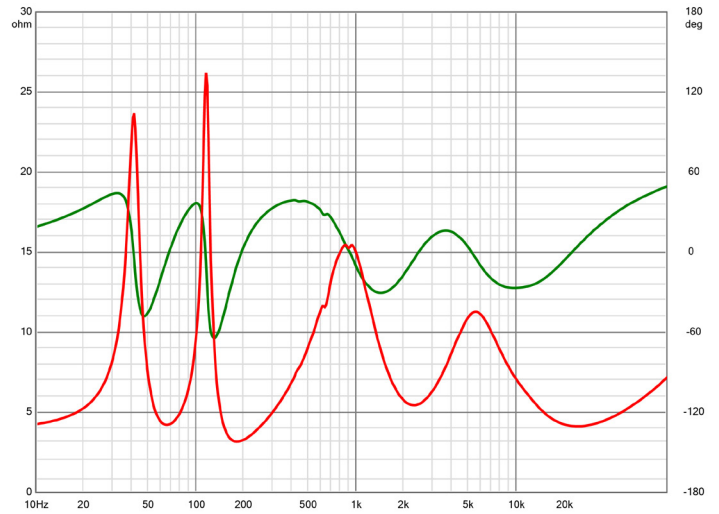
- DRONE CONE :**
 Damped hi excursion suspensions. Made with a sandwich construction technique: two sheets of cellulose pulp are combined with a hi-tech syntactic foam in between them.
- PARACROSS TOPOLOGY™**
 The anti-resonant design of the x-over network features the Paracross Topology™ circuitry enriched with custom made capacitors branded by Sonus faber.

LOUDSPEAKER SYSTEM	3 way point in-ceiling system. 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 - PARACROSS TOPOLOGY™	500 - 3,500 Hz
FREQUENCY RESPONSE	58 - 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	411 x 411 mm / 16.2x16.2 in
CUT OUT	388 x 388 mm / 15.2 x 15.2 in
DEPTH BEHIND SURFACE	220 mm / 8.6 in
PROTRUSION	9 mm / 0.35 in
NET WEIGHT	10,4 Kg / 22.92 lb
<ul style="list-style-type: none"> INCLUDED IN THE BOX 	- Bezel-Free square magnetic grille 287x287 mm / 11.3 x11.3 in - Security cable

(*) 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	0.9	1.2	1.6	2.5	3.6	4.9	6.4
W PEAK	1.8	2.4	3.2	5.0	7.2	9.8	12.8

	LISTENING DISTANCE [m]						
	1.50	1.75	2.00	2.50	3.00	3.50	4.00
W CONTINUOUS	7	10	13	20	30	40	50
W PEAK	30	40	50	80	120	160	200

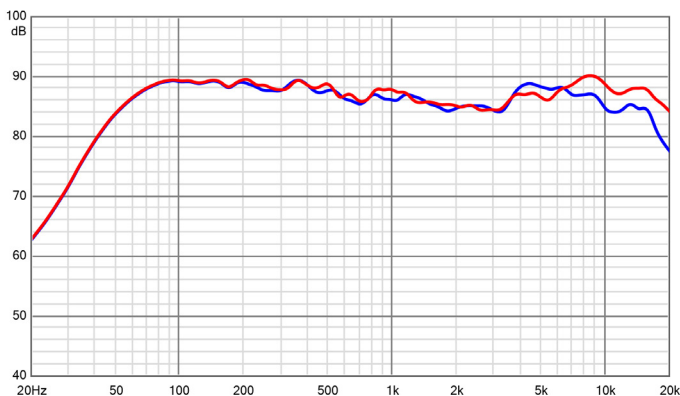
* [FOR A DIRECT SPL=85 dB; 1 kHz SINE TONE]

* [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]

--- 45° ; --- 0°

