



CARE ORCHESTRA
Sartoria Acustica Italiana

Sartoria Acustica Italiana
CARE ORCHESTRA

INWALL SPEAKER
SOLUTIONS

2018

Visible

Speaker with great music, pure sound and no obstruction. The products of the "visible" series guarantee excellent performance without taking out space for the interior furniture. They are simply embedded and visible on the wall or on the ceiling.

Invisible

In-wall speakers also produce pure sound and have no visible element. They are of high end technology completely embedded into the interior walls or ceilings to which the finishes you prefer are applied.

INSTALLATION





The visible or invisible inwall speakers are very simple to install. Within a few simple steps they are installed into false ceilings, walls or counter walls:

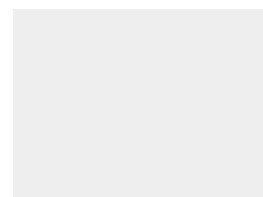
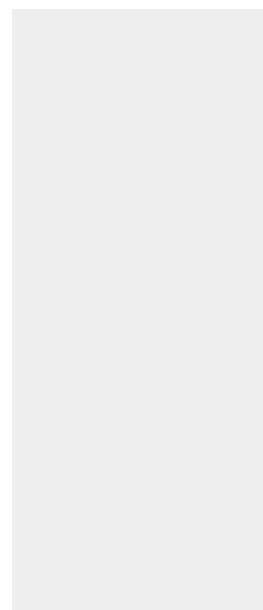
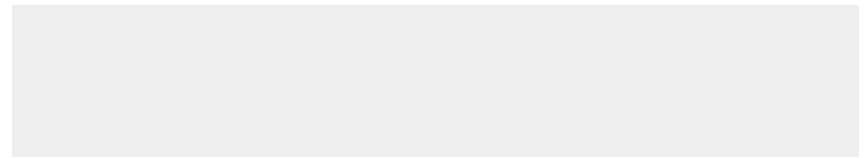
Cut out the necessary hole in the plasterboard (photo 1);



Insert the support structure, then connect the cables and insert the speaker (photo 2);

Prepare the edges for grouting (photo 3,4,5,6);
Fill the edges and paint (photo 7,8).

A simple work for an incredibly hidden sound.



DATA SHEET



Elegant solutions are taken from the walls and ceilings with minimum visibility but of design.

As finishes for the in-wall speakers can be applied like traditional finishes of wall and ceiling.

Specifications

Speaker:	Full Range Bass Reflex
Nominal Impedance:	4 Ohm
Frequency Range: (+/- 3dB)	68 Hz - 18.000 Hz
Sensiivity:	88 dB, 1m, 2,83V
Woofers:	Cone treated in polypropylene, 120mm in diameter
Peak Power:	40 W
Maximum input power (without distortions):	20W
Spatial dispersion:	-3 dB a 30° from axis at 10.000 Hz -12 dB a 60° from axis at 10.000 Hz
Volume:	4,6 Liters
Biniding Post:	"Banana" & "fork" shaped connectors, and unsheathed cable up to 6mm diameter
Dimensions:	560mm (L) x 220mm (A) x 90 mm (W)

Structure

Structure Component Care Orchestra Multi Layer	Expanded Polyurethane with 3 cm cones - 30Kg/m ³ MDF
--	---

Internal Wiring	Copper OFC 0.88 Ohm / 100 m
-----------------	-----------------------------

Finishing

Possible Finish	Any material applied to the wall or drywall (for example; plaster, marble, wallpaper, painting)
-----------------	---

Crossover Filter

Capacitors	Audiophile Capacitors
------------	-----------------------

Resistors	Resistance to metal oxide Tolerance: +/-2% 1000V
-----------	---

Coils	High-purity copper wire baked in perfect shape to create a distortion-free inductor. High-purity copper wire wound around a Permite core, for a high inductance Conductor OFC 99.99%
-------	---





Hybrid Wave Core Technology to best sound reproduction

The walls are intact without any damage, without a trace of the speakers. The notes are free to travel in perfect harmony within the environment that absorbs them.

Ideal for Multiroom System and Surround speakers.

Specifications - 2 way In-Wall; 2012

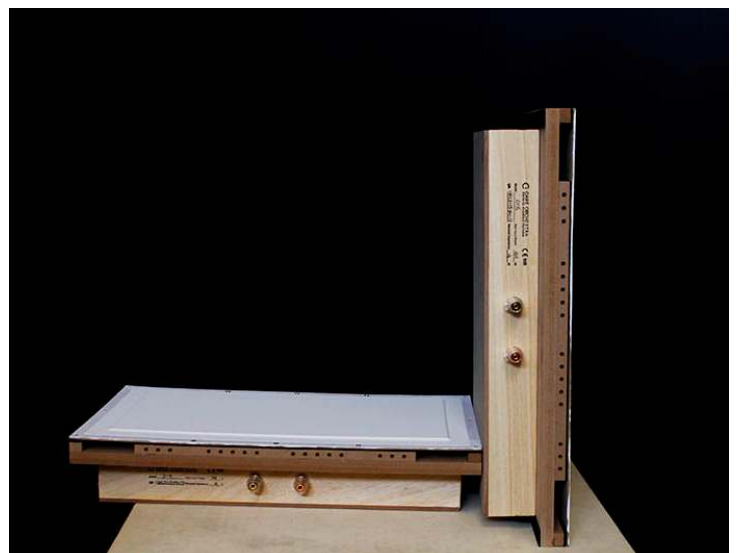
Speaker:	2 way, Pneumatic suspension
Nominal Impedance:	4 Ohm
Frequency Range: (+/- 10dB)	50 Hz - 20.000 Hz
Sensiivity:	86 dB
Technology:	Hybrid Wave Core
Filter:	1° electric order
Maximum input power (without distortions):	30W (RMS)
Finish:	Finish for walls and ceilings
Biniding Post:	"Banana" & "fork" shaped connectors, and unsheathed cable up to 8mm diameter
Dimensions in: drywall	520 mm (L) x 285 mm (H) x 80 mm (W)

Specifications - 2 way In-Wall; 2115

Speaker:	2 way, Pneumatic suspension
Nominal Impedance:	4 Ohm
Frequency Range: (+/- 10dB)	40 Hz - 20.000 Hz
Sensiivity:	86,5 dB
Technology:	Hybrid Wave Core
Filter:	1° electric order
Maximum input power (without distortions):	40W (RMS)
Finish:	Finish for walls and ceilings
Biniding Post:	"Banana" & "fork" shaped connectors, and unsheathed cable up to 8mm diameter
Dimensions in : drywall	520 mm (L) x 285 mm (H) x 100 mm (W)

Specifications - 3 way In-Wall; 3115

Speaker:	3 way, Pneumatic suspension
Nominal Impedance:	4 Ohm
Frequency Range: (+/- 10dB)	40 Hz - 20.000 Hz
Sensiivity:	87 dB
Technology:	Hybrid Wave Core
Filter:	1° electric order
Maximum input power (without distortions):	45W (RMS)
Finish:	Finish for walls and ceilings
Biniding Post:	"Banana" & "fork" shaped connectors, and unsheathed cable up to 8mm diameter
Dimensions in: drywall	520 mm (L) x 285 mm (H) x 100 mm (W)



Structure

Structure Component Care
Orchestra Multi Layer

Expanded Polyurethane with 3 cm cones - 30Kg/m³
MDF

Frontal Panel

Asynchronous load anti-refractory front panel

Internal Wiring

Copper OFC , total cross section for single conductor 1.97 mm², resistance 0.88 Ohm / 100 meters

Finishing

Possible Finish

any material applied to the wall or drywall (for example; plaster, marble, wallpaper, painting)

Crossover Filter

Capacitors

Audiophile Capacitors

Resistors

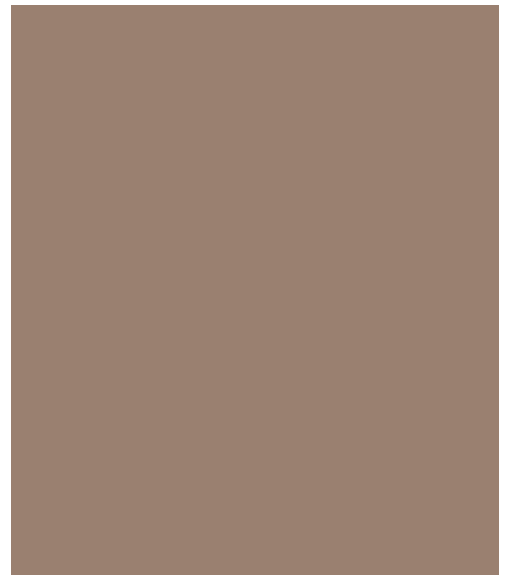
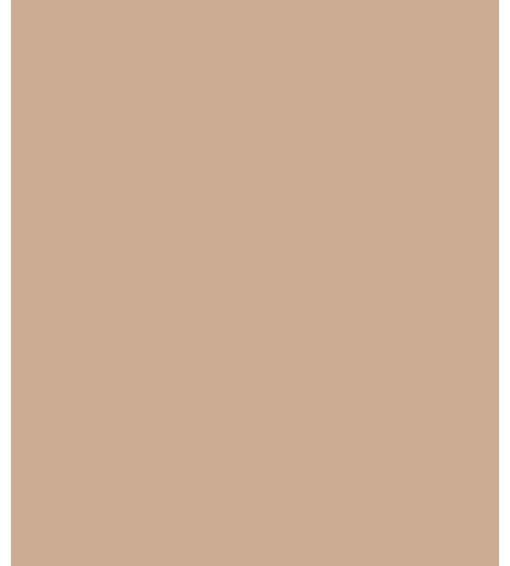
Resistance to metal oxide
Tolerance: +/-2% 1000V

Coils

High-purity copper wire baked in perfect shape to create a distortion-free inductor.
High-purity copper wire wound around a Permite core, for a high inductance
Conductor OFC 99.99%

PORTFOLIO

These spaces were each designed with the use of invisible In-Wall speakers. Its mystery is exposed and silence, interrupted when it comes alive.







Care Orchestra s.r.l - Milano - Italy

contact@careorchestra.com
www.careorchestra.it