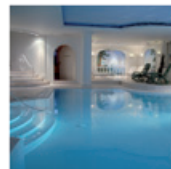




## FIGARO: A NEW EXPERIENCE OF SOUND



# An embracing and magic sound experience...

## EXCLUSIVE TECHNOLOGY - MADE IN ITALY

Figaro components are created with innovative technologies: magneto-strictive, magneto-dynamic, class D & low energy consumption digital amplifier, ultra-thin cable 0,12 millimeters, patented installation system Sound Lock.

Figaro is the result of extensive R&D activity performed in Italy and is made and produced in Italy.

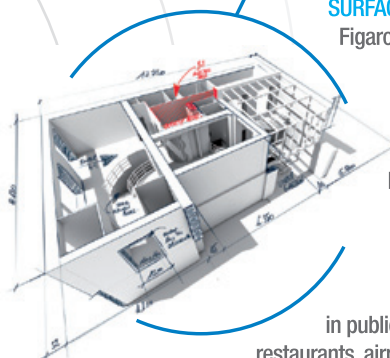
## *What is it?*

Figaro is an innovative audio system that gets installed behind ceilings, partition walls, wallboards. It replaces the traditional loudspeakers but you do not see it because... it is just behind. What you will see is a wall socket, where you could plug in your favourite audio source: cd, tv, mobile phone etc.

Figaro is a high quality product made in Italy.

## *What does it?*

Figaro transforms an entire surface (eg a false ceiling) into a high quality loudspeaker. Try it and you will feel embraced by the sound without realizing where it comes from! Figaro works perfectly on many materials like plasterboard, wood, glass, composite materials, plexiglass, aluminium, iron, steel etc. The above materials will become very effective loudspeakers, able to create stereo effect, surround, 5.1, 7.1 and more



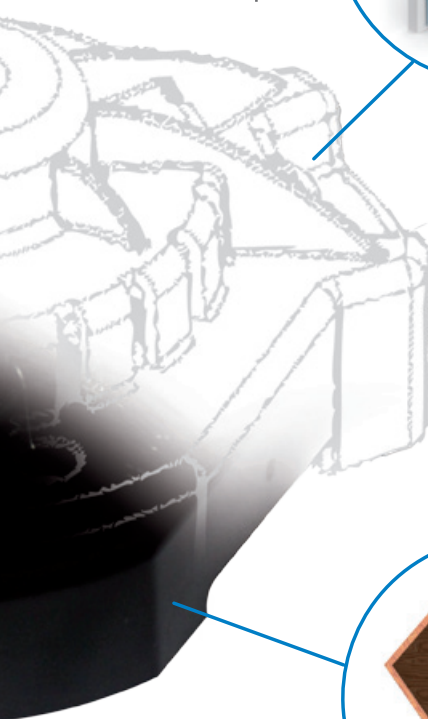
## SURFACES PERFORMING MUSIC

Figaro is an innovative solution to be installed at home behind false ceilings, partition walls, furniture, kitchens, bathrooms and wherever you like to enjoy music. Thanks to its simplicity and flexibility, Figaro can be used as well in public places, shopping malls, restaurants, airports, swimming pools... and practically everywhere.

# ... without seeing speakers and cables

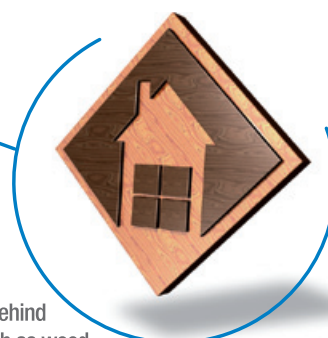
## EASY TO INSTALL

The installation is really simple and fast, thanks to the locking system for the actuators, and there is no need to drill anything... It is also important to consider that for the same performance you will install less Figaros compared to traditional loudspeakers.



## TAILOR MADE SOLUTIONS

Figaro can be installed behind many rigid materials such as wood, plasterboard, glass, composite materials (eg. fiberglass), plexiglass, metals, Corian... in fact even the water of a swimming pool can be used as a sound conductor. Figaro is available either with an integrated amplifier (F-Amp) or with a crossover (F-Fil) that makes it compatible with all available amplifiers and also with 100V Public Address lines. Figaro can be used also in combination with traditional loudspeakers.



## INVISIBLE SOLUTION:

It is a very clean and clear solution because it avoids the inconvenience of seeing speakers and cables, leaving the surfaces (ceilings, walls) intact and free from holes. It is therefore very friendly to interior designers.



## HOMOGENEOUS SOUND:

The whole ceiling where Figaro is installed works as a giant membrane, that is why the sound (unlike traditional loudspeakers) it is perceived as consistent and homogeneous across any area of the room. Imagine to be in a meeting room where everybody receives the same dB (the same sound volume) irrespective of his/her position.



## EXCELLENT VALUE FOR MONEY:

Figaro is a new way to experience sound, for the sound quality that is delivered the price is just fantastic.



## LOWER ENERGY CONSUMPTION:

Thanks to its ability to deliver sound across large surfaces it reduces the number of installed speakers and consequently also the energy consumption. Operating costs for the same audio performance are therefore reduced. Energy savings up to 50%!



## LONG LIFE:

Figaro does not require maintenance, its life is long because there are no moving parts and because it is produced with the quality standards of the best made in Italy



## EASY TO INSTALL:

Installation time is very short thanks to the locking system for the actuators, and there is no need to drill anything...



## VERSATILITY:

It can be installed behind several types of rigid material (see box aside). Figaro is available either with an integrated amplifier (F-Amp) that makes it autonomous or with a crossover (F-Fil) that makes it compatible with all available amplifiers and also with 100V Public Address lines. It can be used also in combination with traditional loudspeakers.



## SIZE:

The small size of its components helps Figaro to fit even in the most impossible positions.



# Demo



SOUND PROPAGATION OF 2 TRADITIONAL LOUDSPEAKERS



SOUND PROPAGATION OF 1 FIGARO

A traditional loudspeaker is a point source, i.e. the sound is generated in a precise spot and then is propagated along a cone shaped path.

It is obvious that the energy is originally concentrated in a very small spot and this implies a very high audio volume close to the loudspeaker that fades down proportionally to distance.

## *Figaro*

The sound of Figaro audio actuators is much more homogeneous already from the source where it is generated because

**ALL THE ENERGY IS SPREAD ALONG THE SURFACE WHERE FIGARO IS INSTALLED.**

The effect of this propagation path is a **VERY CONSISTENT AND HOMOGENEOUS SOUND PERCEPTION.**

Figaro offers a really new experience of sound!

### MORE THAN SURROUND !

The entire false ceiling plays music, the piece of furniture with a surprising sound effect... with Figaro you can experience a new dimension of hi-fi.

Figaro is an innovative audio system that replaces the traditional loudspeakers by transforming large surfaces into spectacular sound players. Stereo, surround, 5.1, all of this with the small and light Figaro components and without the inconvenience of seeing speakers and cables...

Figaro is really a new way to experience sound.

FIGARO IS AN ITALIAN PRODUCT:  
CONCEIVED IN ITALY, DEVELOPED IN ITALY,  
PRODUCED IN ITALY...  
THAT SOUNDS GOOD TOO.

## Possible applications

HAVE YOU EVER THOUGHT OF GIVING SOUND TO YOUR BATHROOM, TO YOUR BEDROOMS OR EVEN TO A SWIMMING POOL? OR MAYBE TO SHOP WINDOWS? WITH THE SURPRISING VERSATILITY OF FIGARO YOU CAN INVENT NEW THINGS OR JUST TRANSFORM THE CEILING OF A LARGE LIVING ROOM INTO A HUGE LOUDSPEAKER...



### *Houses and apartment*

Many of our Customers have installed Figaro in the most important areas of their homes: living rooms, bedrooms, kitchens and bathrooms. Figaro has been normally installed behind false ceilings or wallboards or pieces of furniture, this way giving sound to any room without the inconvenience of seeing speakers and cables.

### *Hotel*

Hotels are always looking for solutions to improve customer comfort. Figaro has been installed in conference rooms to reach optimal and consistent audio perception, in public areas and in bedrooms to have a very pleasant and homogeneous sound, in other areas also as evacuation and emergency alarm. Figaro is invisible and helps to reduce the operating costs of the equipment.



### *Fitness Centre and SPA*

In the fitness centres there is the need to have a consistent and homogeneous music everywhere, with a sound volume soft enough to allow conversations and relax, in the SPA the enemy of music is the high humidity of the environment. In both cases Figaro really makes the difference compared to traditional loudspeakers because the propagation of sound is more homogeneous and because it allows "safe and dry" installations behind walls and ceilings.

### *Shops*

Not only shop windows playing music, like those that have been installed in many shops of famous brands... the whole ceiling can perfectly spread the sound, as it happens in the boutique of a well known fashion designer or in a large multistore in Milan where 1600 square metres of ceiling work as a huge invisible loudspeaker.

*And then public buildings, offices, trains, ships, bars, swimming pools ... and more*

# Technical features



You will not see it, but the picture aside shows how Figaro looks like. At the ends there are 2 actuators with low energy consumption, high sound efficiency (2 x 25W) and optimal frequency response, to create a very consistent and homogeneous sound even on large and unusual surfaces.

## *Figaro F. Amp*

Figaro F.Amp kit has in the centre an amplifier with automatic stand-by, 2X20W. It is installed for instance behind a false ceiling and normally it is connected to a wall socket. To start playing it is enough to connect (maybe Bluetooth) whatever audio source (cd, tv, mobile phone etc.) and the room is filled with sound, in total autonomy.

## *Figaro F. Fil*

Figaro F.Fil kit has in the centre a 2 way crossover. Unlike the other version, this one is thought to be connected to an external amplifier. This system enables to create special audio equipments like the new Surround 5.1 or 7.1 or far-reaching integrated solutions like the equipments P.A.100volt.

### F.AMP CLASS D AMPLIFIER WITH LOW ENERGY CONSUMPTION.

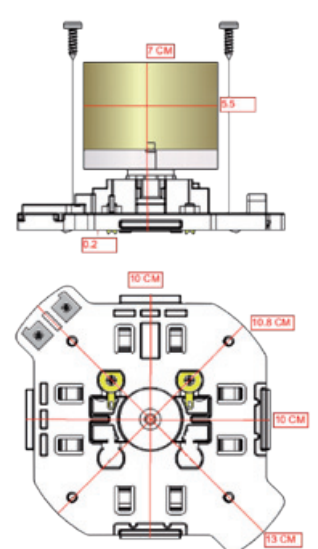
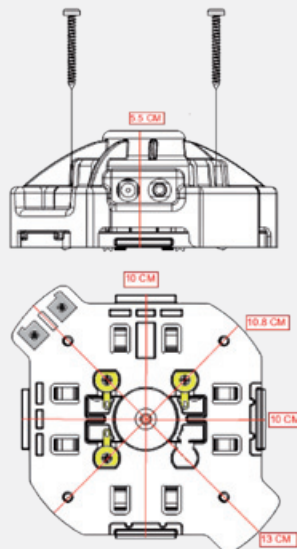
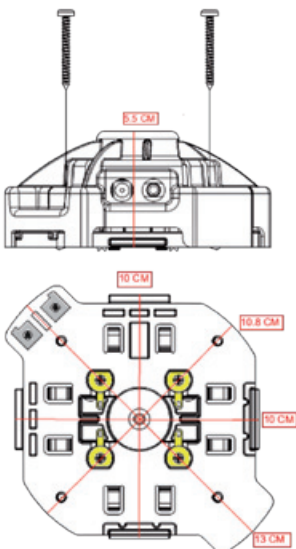
Max power: 2 x 20 W  
 Impedance output: 4 ohm  
 Power supply: 12.V - 3 A  
 Frequency response: 53 Hz - 20 KHz  
 Transformer: Input 110/230V - Output 12V - 3A  
 Automatic Stand-by

### F.FIL - 2 WAY CROSSOVER

Max power: 25 W suggested 20 W  
 Impedance: 4 ohm  
 Frequency response: 53 Hz - 20 KHz cut @ 300 Hz  
 F-FIL allows Figaro to be connected to any available amplifier (of adequate power).

### F.25 - MID/HIGH FREQUENCIES DEVICE

Max power: 25 W suggested 20 W  
 Impedance: 4 ohm  
 Frequency response: 300 Hz - 18 KHz



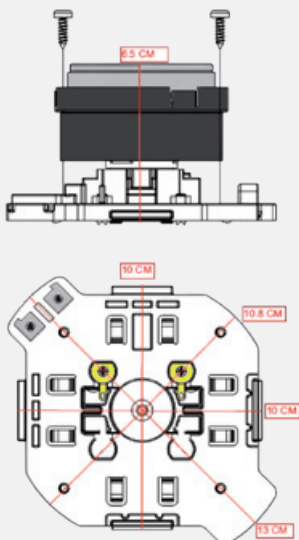
# Technical features

## MAXIMUM THICKNESS

	Usable?	5-10 mm	10-15 mm	15-20 mm	20-25 mm	25-30 mm	30-40mm	40-50 mm
PLASTERBOARD	YES	YES	YES	YES	YES	YES	n.d.	n.d.
WOOD	YES	YES	YES	YES	YES	YES	YES	YES
PLYWOOD	YES	YES	YES	YES	YES	YES	YES	YES
WOOD VENEERED	YES	YES	YES	YES	YES	YES	YES	YES
WOOD PARTICLE BOARD	YES	YES	YES	YES	YES	YES	YES	YES
FIBERGLASS	YES	YES	YES	YES	YES	YES	NO	NO
CARBON FIBER	YES	YES	YES	YES	YES	YES	NO	NO
MDF	YES	YES	YES	YES	YES	YES	NO	NO
GLASS	YES	YES	YES	YES	YES	NO	NO	NO
PLEXIGLASS	YES	YES	YES	YES	NO	NO	NO	NO
ALUMINIUM	YES	YES	YES	NO	NO	NO	NO	NO
POLYSTYRENE	YES	YES	YES	NO	NO	NO	NO	NO
IRON	YES	YES	NO	NO	NO	NO	NO	NO
STEEL	YES	YES	NO	NO	NO	NO	NO	NO
CORCK	NO	NO	NO	NO	NO	NO	NO	NO
CONCRETE	NO	NO	NO	NO	NO	NO	NO	NO
MARBLE	NO	NO	NO	NO	NO	NO	NO	NO

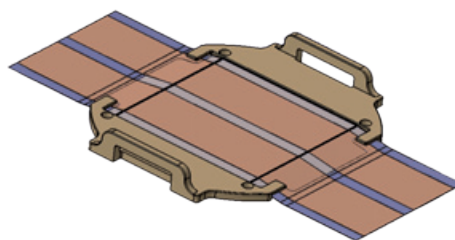
### F.SUB – MID/LOW FREQUENCIES DEVICE

Max power: 25 W suggested 20 W  
Impedance: 8 ohm  
Frequency response: 53 Hz - 300 Hz



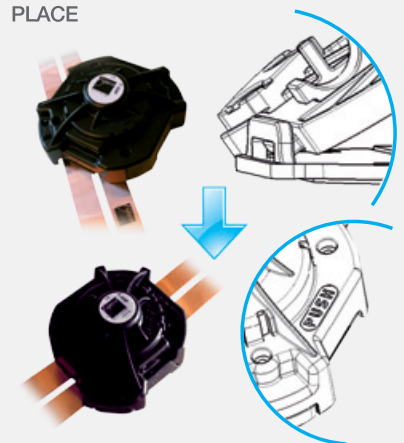
### F.RIBBON - ULTRA SLIM FLAT WIRE

Super slim flat speaker cable  
Thickness: 0,12 mm  
Height: 57,5 mm



### SOUND LOCK CONNECTION SYSTEM

PLACE



PUSH



Figaro is a made in Italy product distributed by:



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