



Acoustic System

RESONANCE TECHNOLOGY
FOR ROOMS AND AUDIO
COMPONENTS

Hard To Believe.

Easy To Hear.



The "Lord of Sound", Franck Tchang, inventor and developer of Acoustic System, is a qualified goldsmith and is a musician himself.

On The Trail Of Lost Sound

The resonators made by Acoustic System are one of the most unbelievable high fidelity products. They consist of minute metal sound bodies that rest on wooden bases. Positioned correctly at particular points in the room, they improve the sound quality of every system. The resonators are activated by sound waves in the room and produce overtones – subtle overtones, which also define the sound colour. This colouring is often lost during the recording process, and when replaced always improves, and never worsens, the sound experience. Every listening room affects the music with its own specific audio characteristics, and from this point of view it can be said that the resonators by Acoustic System simply modify the acoustic properties of the listening room. In a very sophisticated way, of course. Acoustic System manufactures five different resonators, in five different materials. Every music system can be improved by using one or more of them in six easy steps. Acoustic System's component supports are also surprisingly effective – they too can lift a system's sound distinctly. All details of the Acoustic System products were optimized by empirical means. Scientific explanations are very complex, particularly in the case of the resonators, as they have to define the relationship between low-level overtones, diffusion effects and psycho-acoustic perception. Luckily the quality of these products is easy to appreciate without knowledge of the background theory. Hard to believe. Easy to hear.



The Five Elements.



Basic

Copper and silver are the main components of the basic resonator. The base is made of finest soft instrument maple.

Sound character: straight, fast.



Silver

This resonator uses silver (751/1000) and copper. Soft instrument maple is used for the base.

Sound character: light, open, airy.



Gold

Manufactured with 18 carat gold (751/1000), silver and copper. The base is hard instrument maple.

Sound character: rich, bright, slight compression.



Special Gold

14 carat gold, copper and silver are the materials for this resonator.

The base is hard instrument maple.

Sound character: brilliant, no compression.



Platinum

The finest sound element has a resonator made of platinum (98% purity), and a base of hard instrument maple.

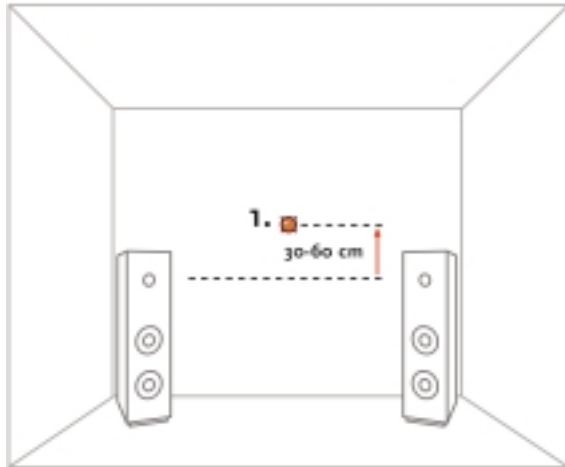
Sound character: very clear over all frequencies, no compression.

Of importance is the well seasoned wood employed in the manufacture of the pedestals. As in the case of musical instruments it is the skilled combination of materials which leads to perfection, and depending on the type of resonator metal, a harder or softer variety of maple is used for the base. The resonator elements are fixed to walls or furniture using a permanently elastic material, which allows residue-free removal from practically all surfaces. Bases can also be finished to customer specifications.



The resonators are shown life-size (bases 49 x 49 mm).

The Six Steps.

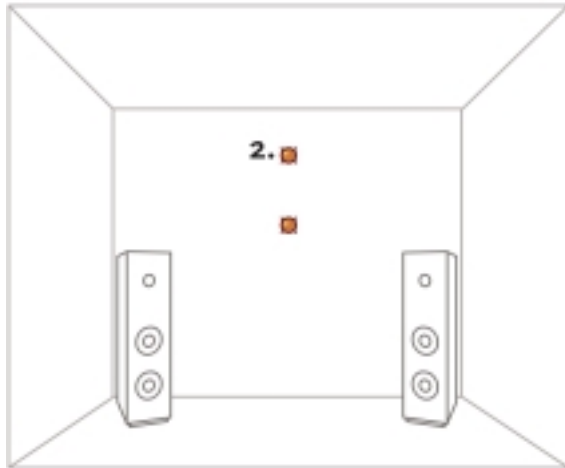


Step 1

Position a resonator on the wall, or on an object exactly between the speakers approximately 30-60 cm above the tweeters. Align the tiny resonator horns to point symmetrically to the sides. No horn should point directly to the front.

Suitable models: Basic, Silver, Gold, Special Gold or Platinum (varying nature of sound improvement).

Effect: Improved room definition and positioning of voices and instruments, clearer sound.

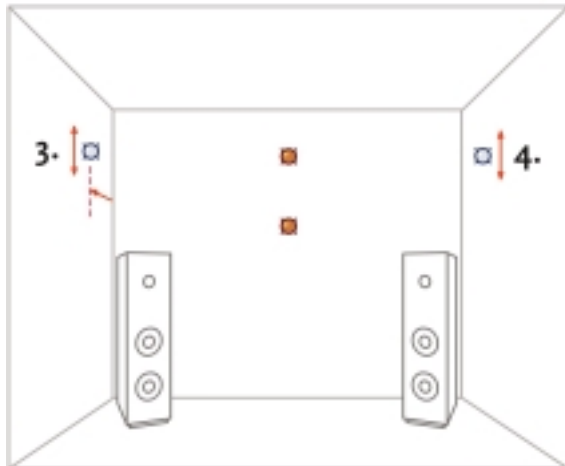


Step 2

Position a second resonator much further above the first on the wall.

Suitable models: Basic, Silver, Gold, Special Gold or Platinum (varying nature of sound improvement). However – the best results are obtained when the second resonator is of a different type to the first. Typical choices: Silver, Platinum.

Effect: Higher, more open sound stage. Cleaner high frequencies. Clearer bass reproduction.



Step 3

Attach Silver resonators to the side walls near to the corners and at approximately the same height as the resonators from step 2.

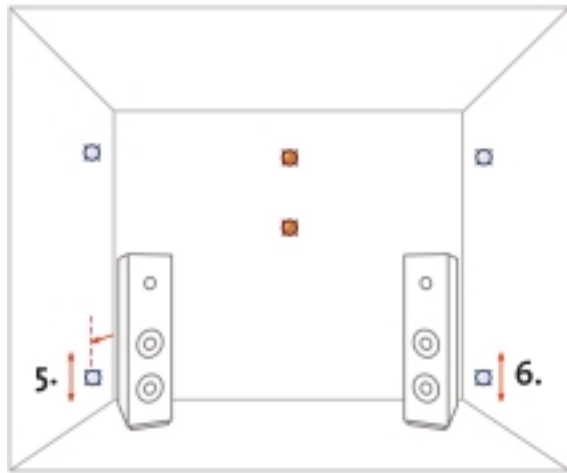
Suitable models: Silver.

Effect: Widening of the virtual sound stage. More transparency at high frequencies.

Acoustic System

 BASIC/SILVER/GOLD/SPECIAL GOLD/PLATINUM  SILVER



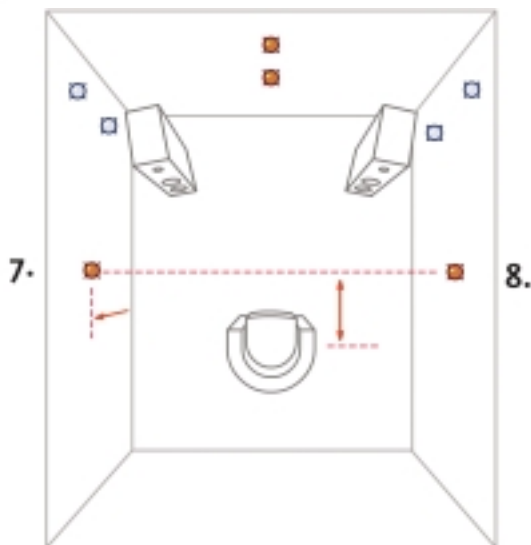


Step 4

Place Silver resonators on the side walls near the corners of the room about 15 – 40 cm above floor level.

Suitable models: Silver.

Effect: More precise bass response. More perceptible sound stage. The height of the virtual floor level is affected by the height of the resonators above the floor.

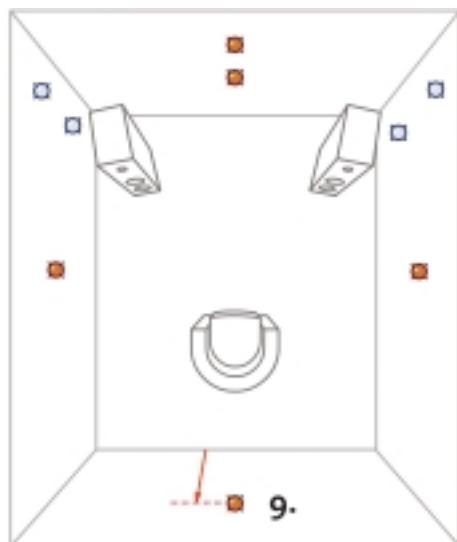


Step 5

Position two resonators on the side walls at about the same height as the front resonators, next to, or slightly in front of the listening position.

Suitable models: Basic, Silver, Gold, Special Gold or Platinum (varying nature of sound improvement).

Effect: Reduction of negative influences of side walls. Reduces audibility of own listening room character. More dynamics from the front. Adjusting the height of the resonators affects the height of the sound stage.



Step 6

Place a ninth resonator on the back wall at about the same height as the side resonator.

Suitable models: Basic, Silver, Gold, Special Gold or Platinum (varying nature of sound improvement). Typical choices: Gold, Silver.

Effect: Calmer sound response and less influence of the back wall. Total disappearance of the “window effect” in stereo reproduction.



The setup instructions are identical for two-channel, or multi-channel systems. Every step results in an audible sound improvement.

The Supports.

Acoustic System's experience with materials and resonances lead to the production of sound improving supports for electronic components and loudspeakers. The sum of their many unique construction details delivers astounding sound improvement.



Classic

Manufactured from maple and mahogany with a special textile-based layer in-between. Holes to optimize resonance.

Applications: All electronic components.

Effect: Calmer and at the same time more exciting sound.



Medium

Three layers of wood with two textile-based layers. Holes to optimize resonance.

Applications: All electronic components.

Effect: Like the CLASSIC, but with more precision and dynamics.



Top Line

Maximum effect through complex construction.

Four layers of wood and three textile-based layers. Holes to optimize resonance.

Applications: All electronic components.

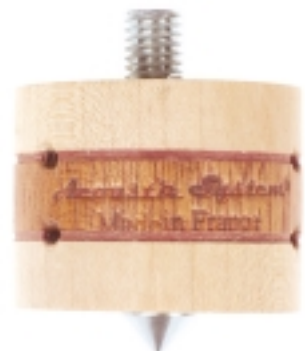
Effect: Breathtaking.

LS Medium

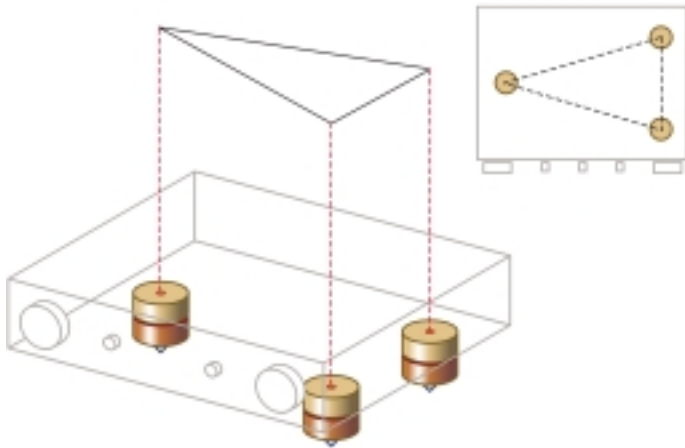
Optimized for loudspeakers. Available with and without threaded bolts (6 or 8 mm) for attachment to housing. Sold in sets of 3 or 4.

Applications: All loudspeakers.

Effect: Improved musicality, faster and more thrilling mode, more cogent spectrum.



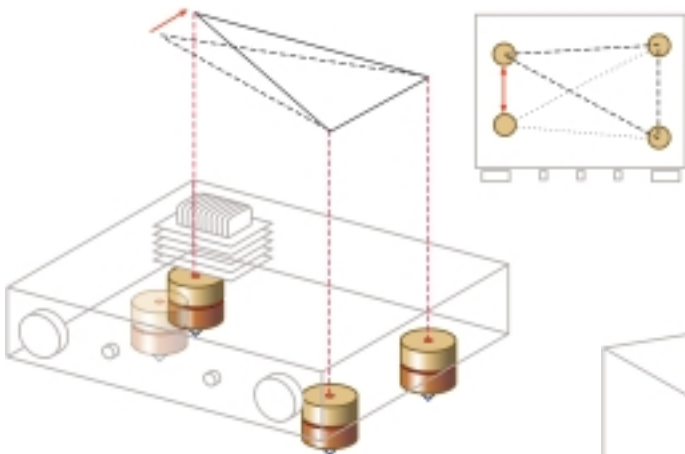
The component supports are shown life-size (37 mm diameter).



Components

Sold in packages of three – the best effect is achieved when components have a stable standing on exactly three supports. For lighter components the third support should be placed in the middle of one side between front and back.

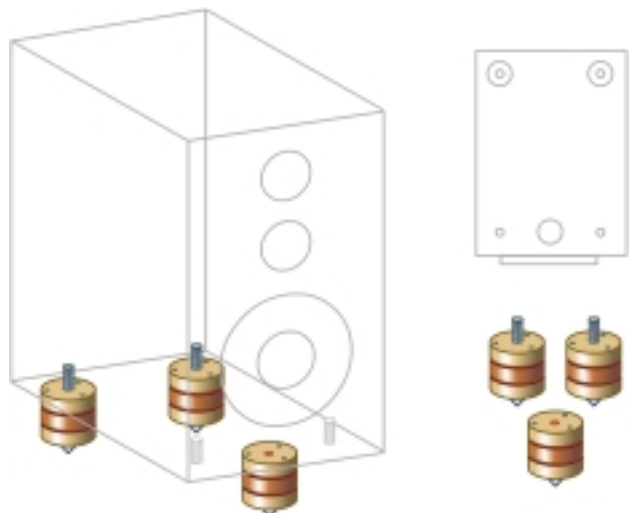
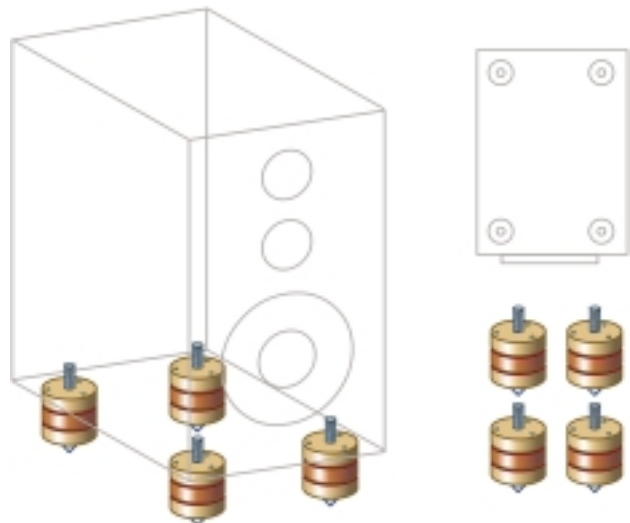
If the component has a heavy transformer, then the single support should be placed on this side. Adjust the support from front to back so far as to provide the most stable condition.



Loudspeakers

Loudspeaker supports are available in sets of three or four, and with or without threaded bolts. The most stable version (but not the best sound) is with four threaded supports bolted into the base of the loudspeaker housing.

This is the best sounding version, with two supports bolted into the back of the housing and a single support without bolt at the middle of the front.



Important: The included copper pieces (resembling coins) must be positioned underneath the Spikes. (For sound reasons Classic feet packages include real Cent coins.)

