



Acoustic Treatment, featured / 10 Comments

How to set up HFT's & FEQ in your listening room

We just returned from RMAF 2013 where we couldn't have asked for a better reception for our two NEW Technologies; HFT – High Frequency Transducer and FEQ – Frequency Equalizer.

For those of you who didn't get a chance to see and hear these technologies in action at RMAF 2013, we are offering a no risk 30-day money back guarantee so you can try these amazing new products in your home system. For more information on HFT and FEQ as well as reviews and show reports from RMAF please visit our Facebook page...



In addition to the latest information and news on SR products and happenings, you may also win a free set of HFT's by simply "liking" SR on Facebook.

We will be posting detailed information regarding HFT and FEQ later this week but in the mean time, and to make certain those who have already purchased over 1000 HFTs since RMAF install these products correctly, please see the following installation guidelines for HFT and FEQ in an average listening room:

HFT – High Frequency Transducer

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The Synergistic Research Challenge

GALILEO SERIES



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[Galileo Universal Interconnect Cell](#)
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ELEMENT SERIES



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[Element Series Speaker Cables](#)
[Element Series AC Power Cords](#)
[Element Series Digital Cables](#)
[Element Series Subwoofer Cables](#)
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CORE



[Core Interconnects](#)
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[Core Digital Cables](#)
[Core AC Power Cord](#)

TESLA POWER





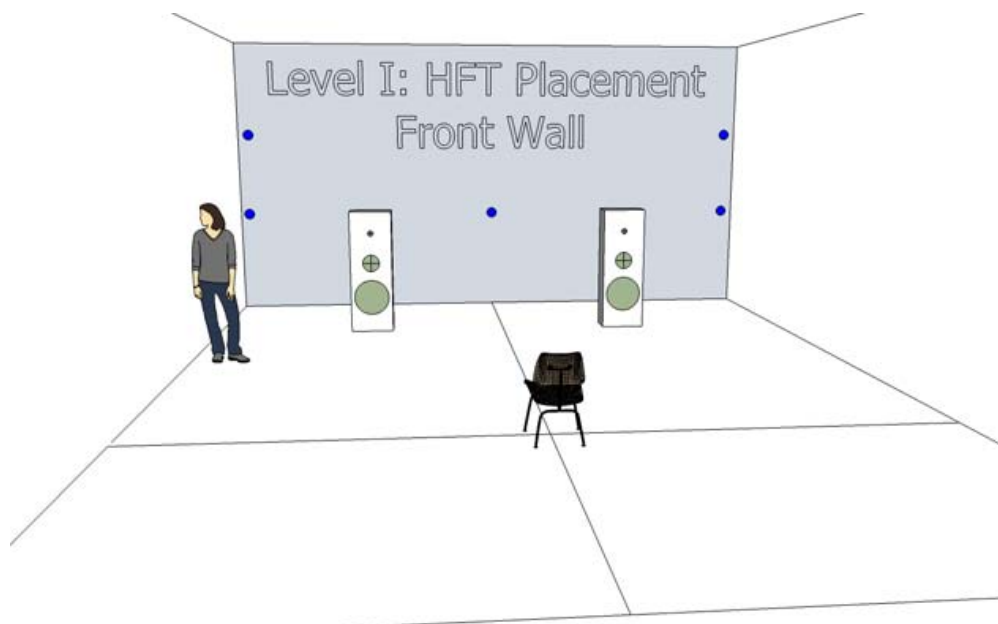
Synergistic Research High Frequency Transducers

- Tunes acoustics, chassis and speaker cabinet resonance
- Expands soundstage height width and depth
- Extends and clarifies high frequencies
- Dramatically improves low frequency extension / bass control
- Lowers noise floor for improved inner detail and micro-dynamics
- Significantly improves all aspects of system performance
- Sold with an unconditional 30-day money back guarantee
- \$299 per 5-pack / \$75 individually

*SR20 Quantum Fuses shown for scale

Synergistic Research HFT – High Frequency Transducer

[Level I \(1st 5-pack of HFT's\): \(See Illustration below\)](#)



- Place 1 HFT – Center Mid-Height Between Speakers
- Place 1 HFT – Left Front Corner, Mid-Height
- Place 1 HFT – 2ft.+ Above Left Corner Front HFT
- Place 1 HFT – Right Front Corner, Mid-Height
- Place 1 HFT – 2ft.+ Above Right Corner Front HFT

[The PowerCell Story](#)
[PowerCell 4](#)
[PowerCell 4 SE Shuko](#)
[PowerCell 6 SE](#)
[PowerCell 10 SE MKIII](#)
[Galileo PowerCell LE](#)
[Quantum Line Strip \(QLS\)](#)
[TESLA Plex SE](#)
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TRANQUILITY BASE v

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[Tranquility Base](#)
[Tranquility Base XL](#)
[Reviews & Press](#)

ACOUSTIC / RESONANCE CONTROL v

[Acoustic ART](#)
[Acoustic ART bäsik](#)
[MIG: Mechanical Interface Grounding](#)
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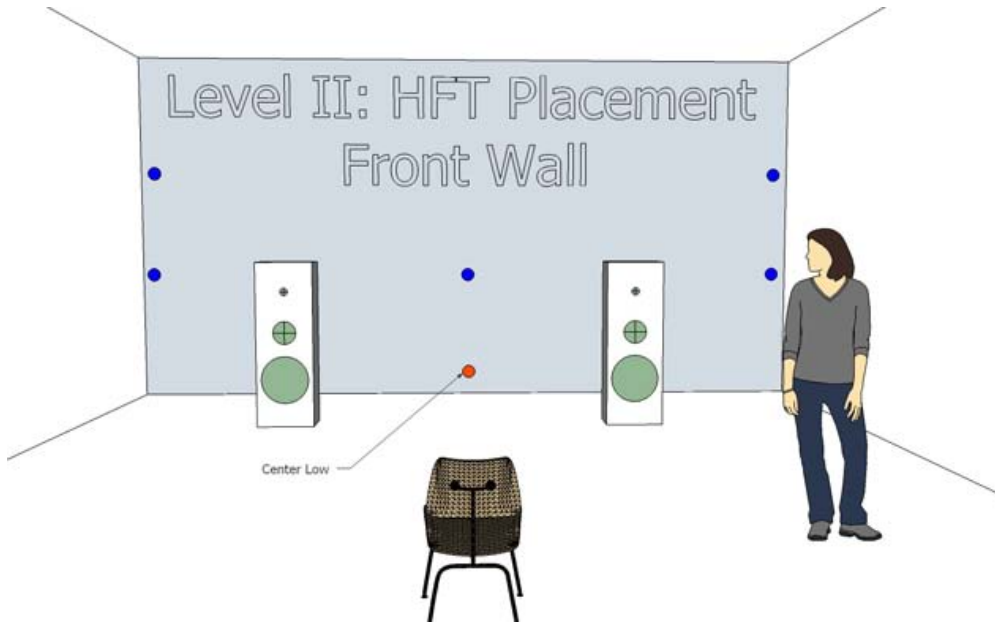
ACTIVE SHIELDING v

[Active Shielding: Overview](#)
[EnigmaA](#)
[Transporter Ultra SE](#)
[Galileo Mini Power Coupler](#)

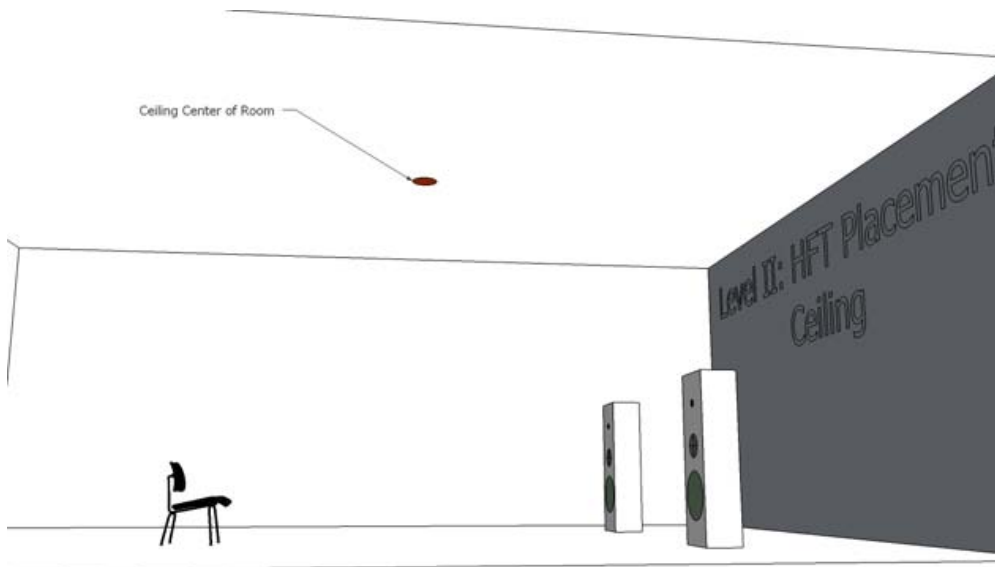
TESLA SERIES v

[TESLA Series: Overview](#)
[Interconnects](#)
[Speaker Wire](#)
[AC Power Cords](#)

Level II (2nd 5-pack of HFT's): (See Illustration below)



- Place 1 HFT – Front Wall Center Low Height Between Speakers



- Place 1 HFT – Ceiling Center 1/2 Distance Between Speakers and Listening Position

Digital Cables
Subwoofer Cables
Phono Cables
Reviews & Press

HOME THEATER

SynTos
Directors Cut HDMI
Tricon 1080p
In-Wall Interconnect
In-Wall Speaker Wire
In-Wall Accessories

CONTACT US

Contact information
Product Registration
Serial Number

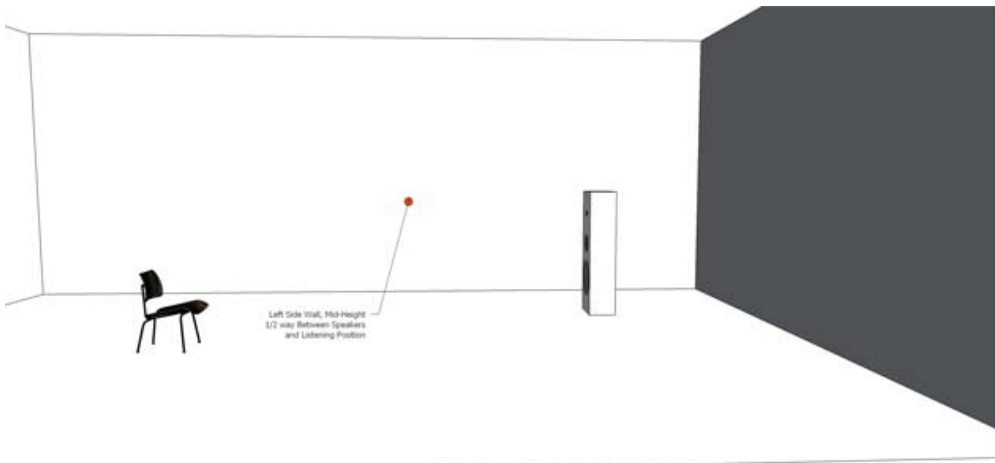
How To Buy

Passport Buying Used

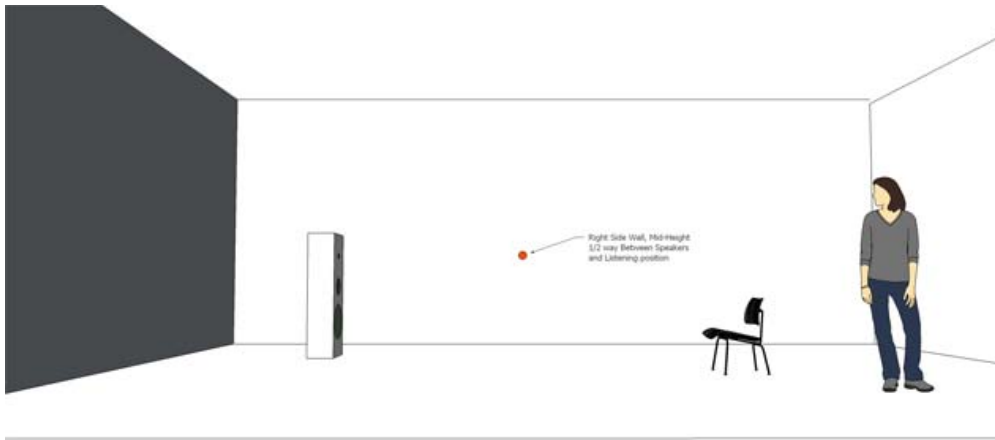
Price Guide
North America
International

Praise For Synergistic Research

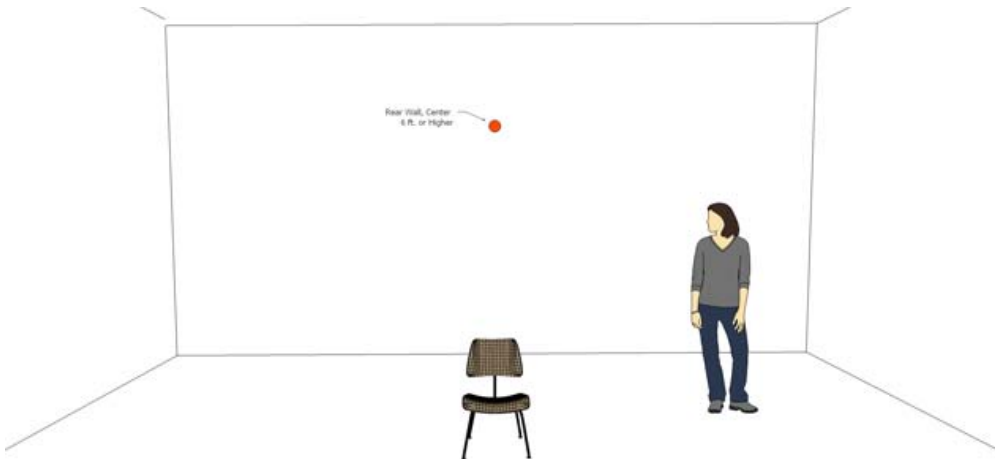
| | |
|---|---|
| <p>the absolute sound "a startling and welcome advance"</p> | <p>stereophile "breakthroughs in musical expression"</p> |
| <p>sixmoons.com "liberates the music from dynamic restrictions"</p> | <p>SoundStage! "the real deal"</p> |
| <p>UltimateAVmag.com "the most impressive cable demo I've ever heard"</p> | <p>daigogo "clearly superior"</p> |
| <p>AUDIOGON "the finest cable that I have heard in my system"</p> | <p>Home Theater High Fidelity "a major impact on the enjoyment of music"</p> |
| <p>AudioCircle "unrestricted and glorious"</p> | <p>HI-FI CHOICE "exceptional value"</p> |
| <p>Enjoy the Music.com "the kind of ambience I hear in live performance"</p> | <p>AudioAsylum "in a class of it's own"</p> |
| <p>ULTRA audio "just amazing"</p> | <p>ULTRA audio "the realism was thrilling"</p> |
| <p>THE ADVANCED AUDIOPHILE "remarkable and fascinating"</p> | <p>DVD ETC. magazine "like a lightbulb going on in a dark room"</p> |
| <p>Audiophilia "a performance plus"</p> | |



- Place 1 HFT – Left Side Wall Mid-Height $\frac{1}{2}$ Distance Between Speakers and Listening Position

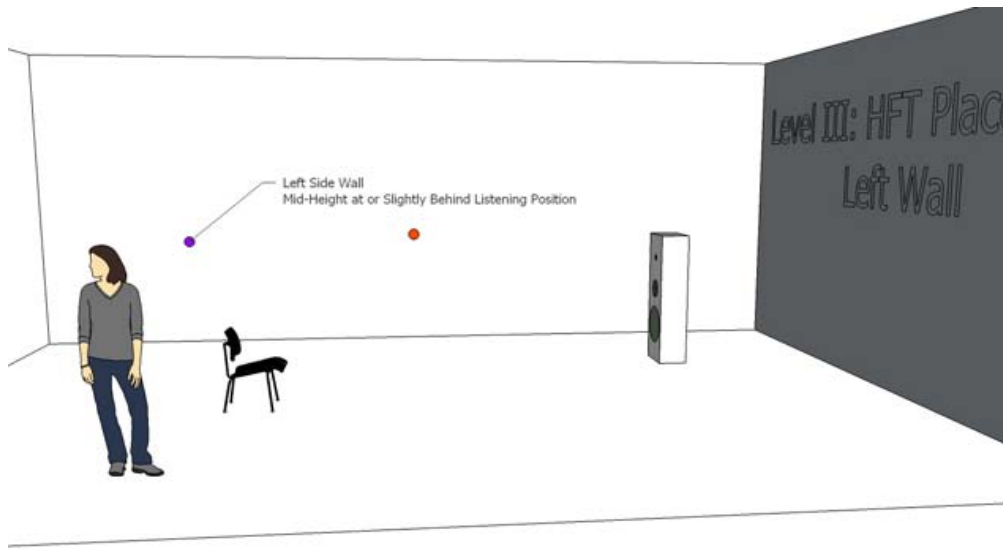


- Place 1 HFT – Right Side Wall Mid-Height $\frac{1}{2}$ Distance Between Speakers and Listening Position

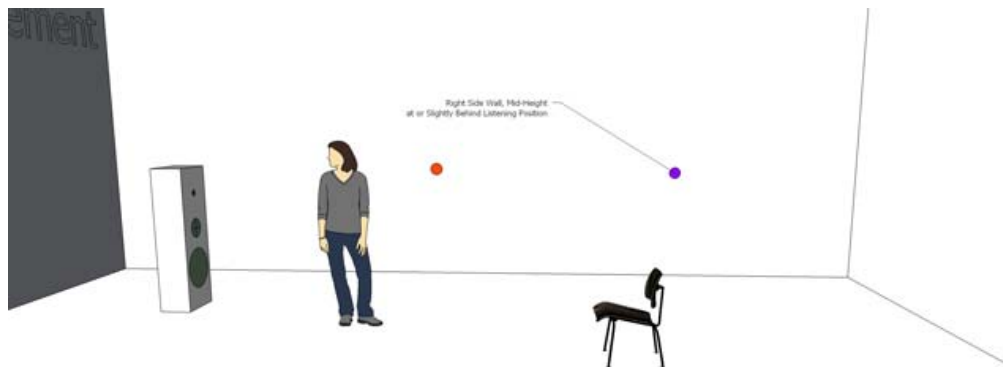


- Place 1 HFT – Rear Wall Center 6ft+ Height

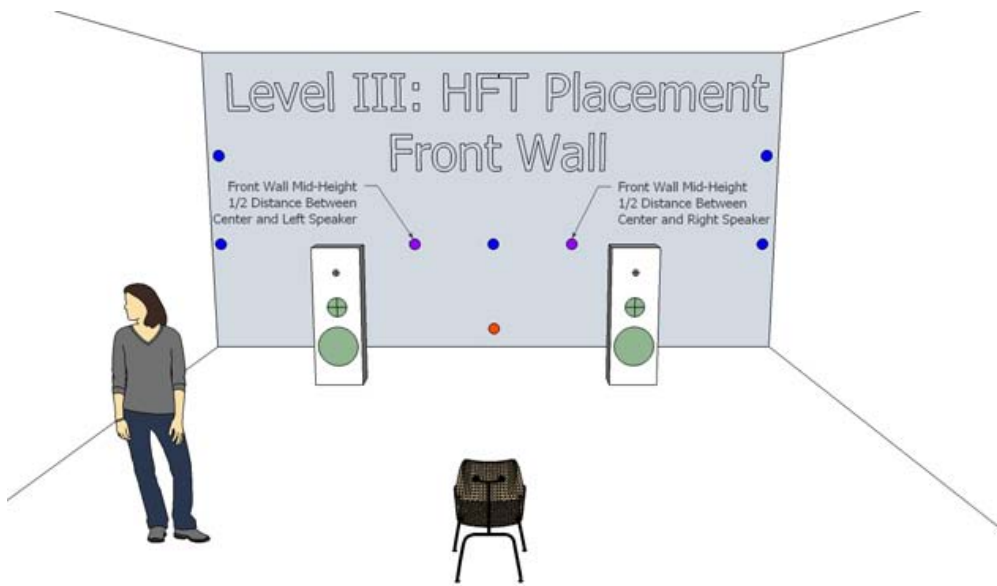
Level III (3rd 5-pack of HFT's): (See Illustration below)



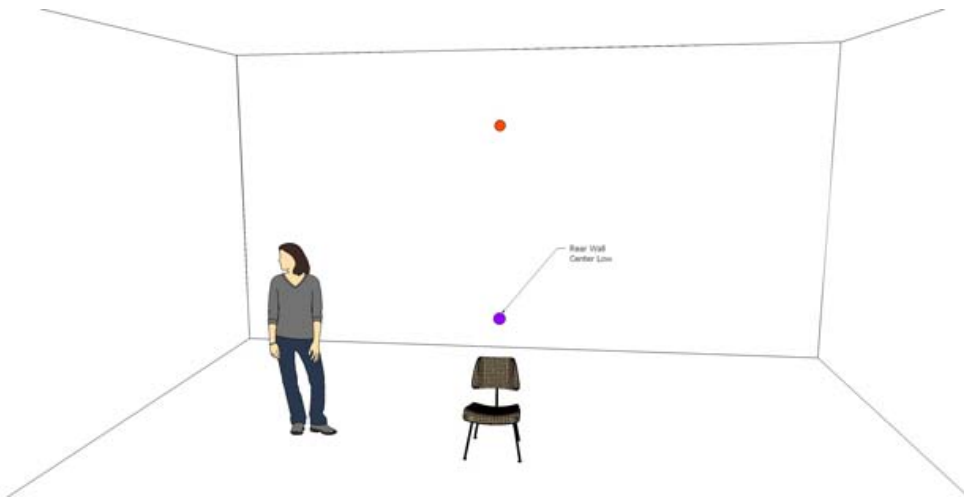
● Place 1 HFT – Left Side Wall Mid-Height Behind Listening Position



● Place 1 HFT – Right Side Wall Mid-Height Behind Listening Position

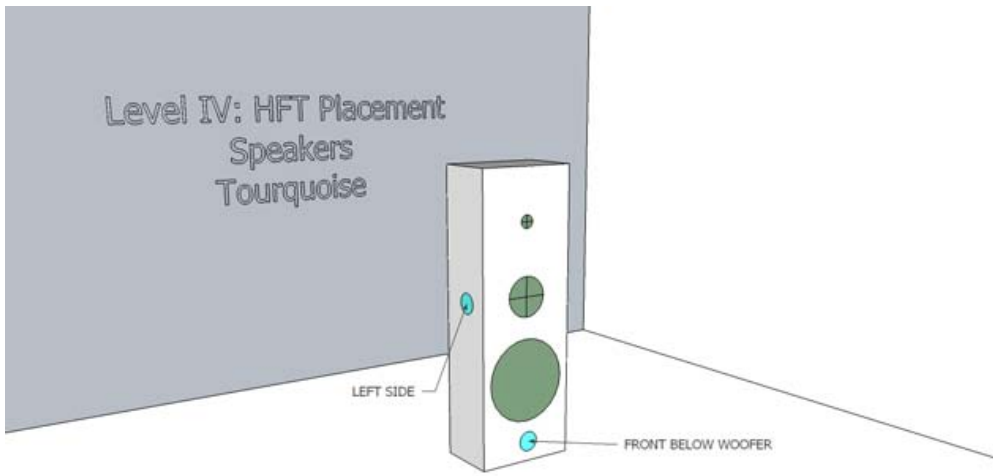


- Place 1 HFT – Front Wall Mid-Height Between Center HFT and Right Speaker
- Place 1 HFT – Front Wall Mid-Height Between Center HFT and Left Speaker



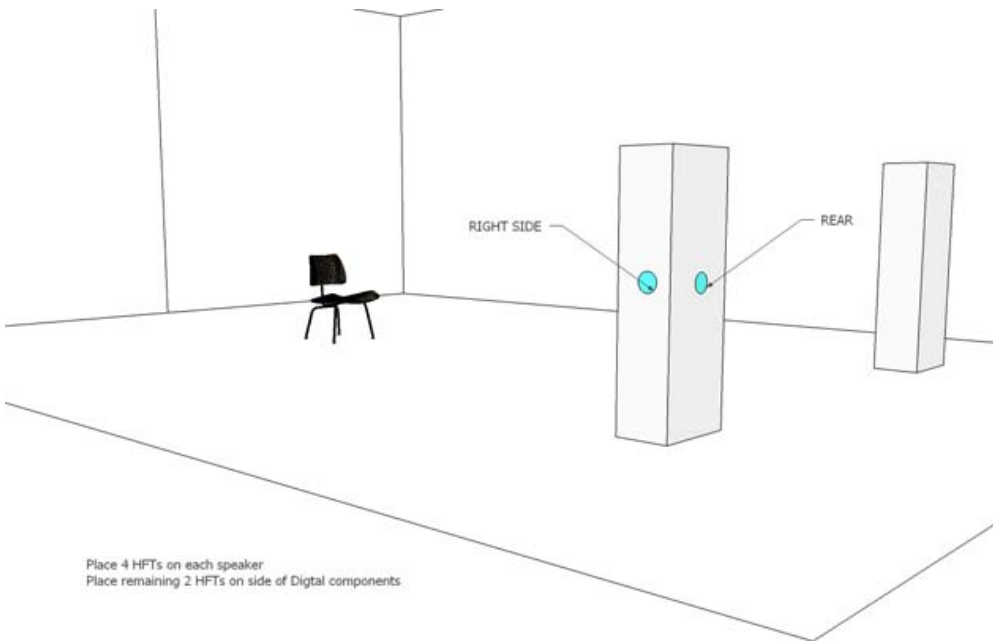
- Place 1 HFT – Rear Wall Low Center

[Phase IV \(4th & 5th 5-pack of HFT's\): \(See Illustration below\)](#)



Place 4 HFTs on each speaker
Place remaining 2 HFTs on side of Digital components

- Place 1 HFT – Left Side on Left Speaker Mid-Height
- Place 1 HFT – Left Speaker Front Baffle Low Center Below Woofer
- Place 1 HFT – Left Side on Right Speaker Mid-Height
- Place 1 HFT – Right Speaker Front Baffle Low Center Below Woofer



Place 4 HFTs on each speaker
Place remaining 2 HFTs on side of Digital components

- Place 1 HFT – Right Side on Right Speaker Mid-Height
- Place 1 HFT – Right Side on Left Speaker Mid-Height
- Place 1 HFT – Back Side of Right Speaker near port if rear ported
- Place 1 HFT – Back Side of Left Speaker near port if rear ported
- Place 1 HFT – Side of Digital Component Chassis
- Place 1 HFT – Side of Digital Component Chassis

FEQ – Frequency Equalizer

Synergistic Research Frequency Equalizer (FEQ)

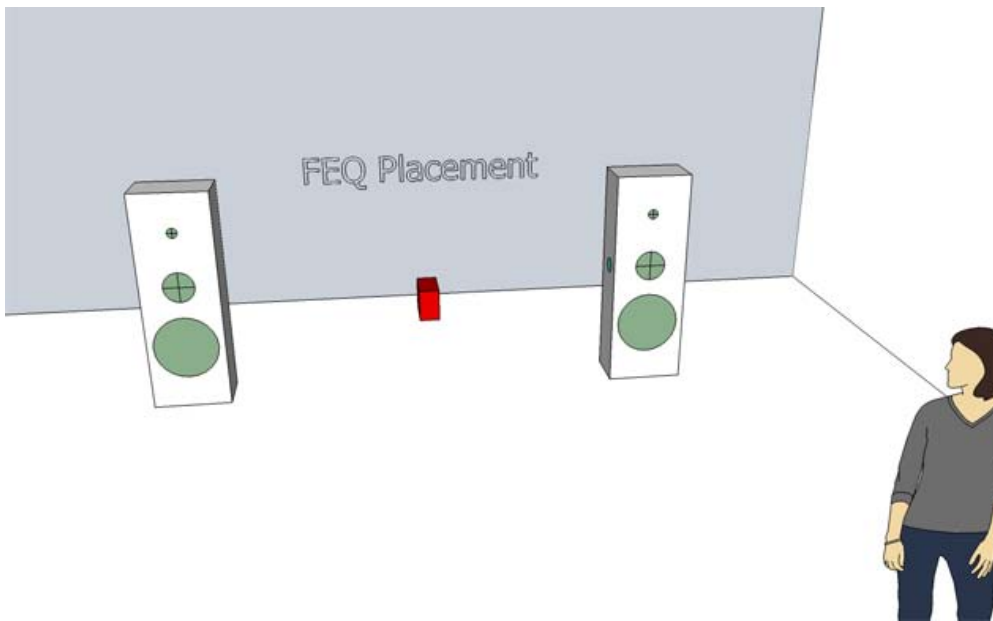
- Actively enhances system performance and room acoustics
- Lends weight and definition to low frequencies
- Dramatically improves high frequency air and refinement
- Improves mid-range palpability
- Significantly expands soundstage layering
- Multiplies the benefits of HFTs in system and room
- Like a Tranquility Base for your listening room
- Sold with an unconditional 30-day money back guarantee
- \$750 international retail price

Ground plane technology as found in our Tranquility Bases and PowerCell line conditioners. The FEQ works like a PowerCell and Tranquility Base for your listening room!

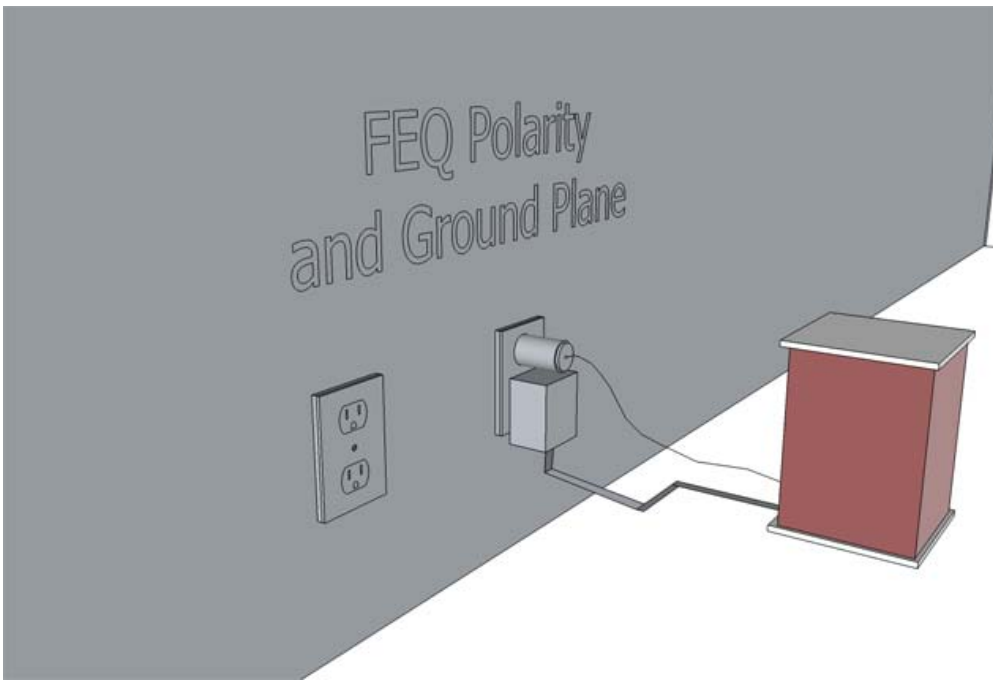


Synergistic Research FEQ – Frequency Equalizer

FEQ Placement: (See Illustration below)



- Place 1 FEQ between the speakers toward the back wall



- Plug power supply in with the right polarity: Cord going in the direction of ground hole
- Plug Ground Plane wire into the FEQ and AC Wall Plug into the AC Outlet

Make sure to contact your authorized Synergistic Research dealer or distributor to set up an in home audition of these game changing NEW products.

Social Links



10 Responses

Steve Lewis
10.24.2013

My listening room — our living room — dictates unorthodox speaker positions. The room is L-shaped, with an 18' wall dominated by a sliding patio door (three large glass panes, nearly 12' across by about 6.5' high) and a 14' wall. If you picked a point on each wall roughly 9 feet from the corner, and drew a line connecting them (forming a right triangle) you have the line where I have had to position my speakers. They are about 8' apart, and the same distance from my listening seat. The subwoofer fires down the long leg of the "L". Yeah it is sub-optimal, but it's the best I can do, and it actually gives me good imaging with only a couple of room nodes (noticeable on glide tones). I have been able to hear the tremendous improvements from upgrading my power cords (Basik=>AC Master=>T2/T3=>Element Series) and ICs (now Elements Cu and W), so I know the setup isn't too badly compromised.