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## New Synergistic Research Technology: UEFT – Uniform Energy Field Technology

How HFTs and an FEQ improve the sound of your listening room.



Every room has a sonic signature or sound. This sound goes beyond what can be measured with traditional acoustic software, beyond standing waves and beyond the amount of time it takes a specific frequency to decay 60 decibels. The sound of a room is literally made up of hundreds, if not thousands of resonators – all reacting to the energy your stereo system creates. Each piece of furniture, the walls, the ceiling, equipment racks, light fixtures, knick knacks and even your speaker cabinets and the enclosures of your components all resonate out of tune with the music your system is trying to recreate. Think of it this way: your room and its furniture are like one big instrument with 500 strings. Every time your speakers create a note, these strings are being excited – and that's the problem, not one of those 500 strings are in tune. The fact is, they are all resonating out of tune – distorting your music. The resonance of your listening room is literally pushing back on your soundstage, compressing the air and decay of notes and distorting fundamental harmonics in your favorite music. This is why most systems have soundstages that primarily

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exist in and around the speakers with a phantom center image that follows your head as you move between the speakers. This is also why many systems are set up like a gigantic pair of headphones with lots of speaker toe-in creating one narrow sweet spot that prevents you from sharing the joy of music with others (unless of course you enjoy listening to music with your head bolt upright in one position, with a friend sitting on your lap).



So what to do? In the past the answer was to dampen a room with acoustic absorption until it measured flat while redirecting reflections with diffusers. Unfortunately neither of these solutions address the real concern which is how to make your listening room sound like music. Dampened rooms sound dead with little or no decay. Diffusers render a sound with little sense of the live hall even when recordings are capable of recreating breathtaking soundscapes. Obviously spaces designed for unamplified acoustic performances would never rely on dampening and diffusion alone. Over-dampen a theater and you won't be able to hear the subtleties of a solo guitar or the breath of a woman's voice or the intonation of a piano beyond the primary notes. This is why the best venues are somewhat live with reverberations that complement and not detract from the performers and their instruments. Were amphitheaters voiced like the average audiophile's listening room it would have thousands of surfaces resonating out of tune with the music, interspersed with absorption that makes all but a few seats sound like mud with little to no subtle detail. In fact, the acoustic noise floor in such rooms actually increases as the volume of music increases and this increasing noise floor prevents most people from ever experiencing the real magic of live music in their home systems.

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A new answer. HFTs are tiny high frequency transducers that clean up high frequency harmonics in your listening room. You see, harmonics are interconnected, so when you affect harmonics -even those beyond the limits of human hearing – you also affect the lower frequency harmonics you can hear. HFTs literally cancel harmonic noise on any surface they are placed. And as you follow our easy placement guidelines, 5 HFTs at a time, you systematically overcome your room's tendency to fight with your system. HFTs replace random out-of-tune resonance with sympathetic resonance that complements the music. Just 5 HFTs can affect a meaningful improvement to the average listening room, while additional HFT 5-pacs improve your listening enjoyment further until you ultimately bring your entire listening room in sync with the music.



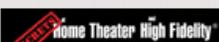
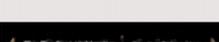
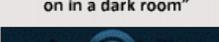
## Synergistic Research High Frequency Transducers

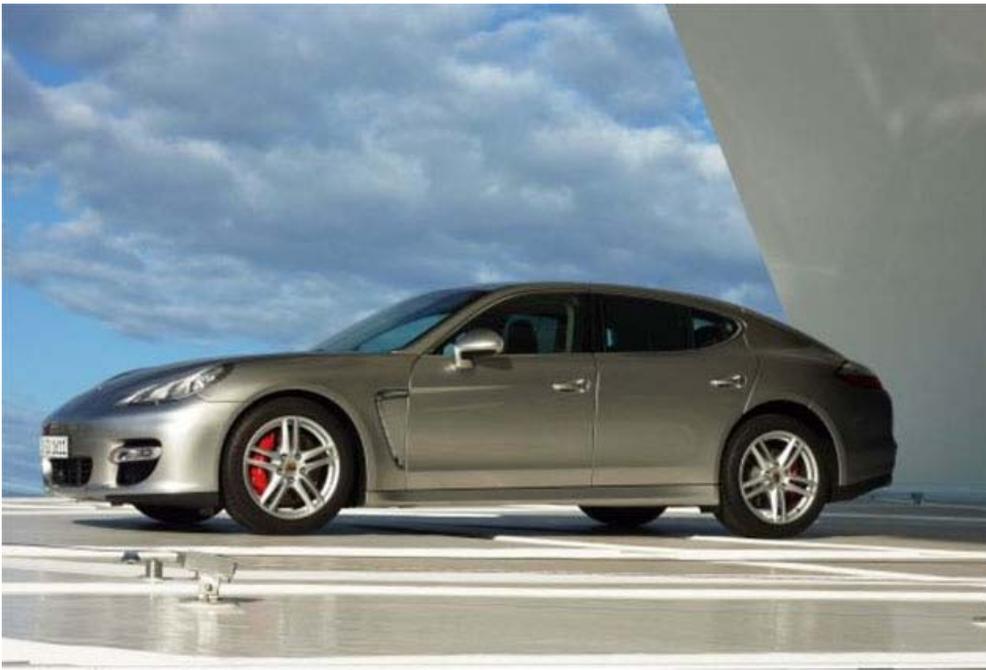
- Tunes acoustics, controls chassis and speaker cabinet resonance
- Expands soundstage dimensionality
- Improves low frequency extension / bass control
- Lowers noise floor for improved inner detail and micro-dynamics
- Improves all aspect of system performance dramatically
- Sold with an unconditional 30-day money back guarantee
- \$299 per 5-pack / \$75 individually

\*SR20 Quantum Fuses shown for scale

North America  
International

## Praise For Synergistic Research

 <p>"a startling and welcome advance"</p>	 <p>"breakthroughs in musical expression"</p>
 <p>"liberates the music from dynamic restrictions"</p>	 <p>"the real deal"</p>
 <p>"the most impressive cable demo I've ever heard"</p>	 <p>"clearly superior"</p>
 <p>"the finest cable that I have heard in my system"</p>	 <p>"a major impact on the enjoyment of music"</p>
 <p>"unrestricted and glorious"</p>	 <p>"exceptional value"</p>
 <p>"the kind of ambience I hear in live performance"</p>	 <p>"In a class of it's own"</p>
 <p>"just amazing"</p>	 <p>"the realism was thrilling"</p>
 <p>"remarkable and fascinating"</p>	 <p>"like a lightbulb going on in a dark room"</p>
	 <p>"a performance plus"</p>



HFTs are as effective in your car as they are in your home.

Application: HFTs are placed not only on walls and ceilings, but also on the vibrating surfaces of your speakers and components for noticeable benefits that accumulate as you add additional HFTs. And because HFTs are excited by the energy in your listening room, they work all by themselves to deliver significant benefits. In our experience most listening rooms and systems reach a point of diminishing returns when three to five HFT 5-pacs are used in accordance with their easy to follow placement instructions. [placement instructions here](#)

### Synergistic Research Frequency Equalizer (FEQ)

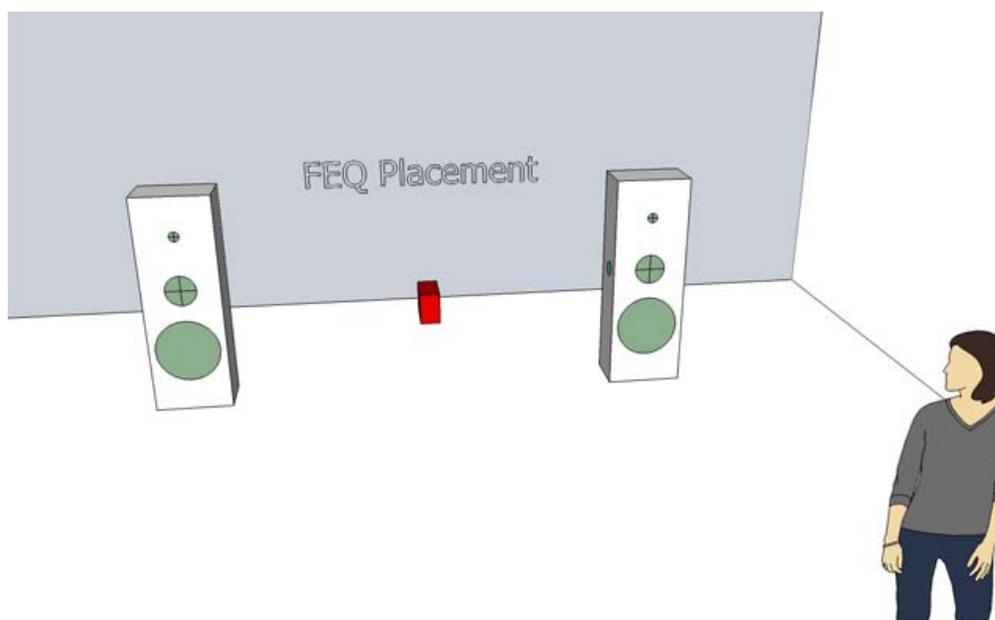
- Actively enhances system performance and room acoustics
- Lends weight and definition to low frequencies
- Dramatically improves high frequency air and refinement
- Improves mid-range palpability
- Significantly expands soundstage layering
- Multiplies the benefits of HFTs in system and room
- Like 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!*



The other menace negatively affecting the sound of your listening room is RFI and EMI created by among other things: Wi Fi, cell phones, fluorescent and LED lighting, basically anything and everything in your home with an on-off switch. In fact, the negative effects of RFI and EMI are why your system sounds better late at night than it does mid-day; there are simply not as many active devices emitting RFI and EMI to negatively affect the sound of your system. Enter the Active FEQ, an ultra low frequency RF pulse generator that acts as a low frequency dither to overpower the ambient RFI and EMI fields in your listening room. Simply plug the FEQ and its internal Ground-Plane into two separate wall sockets in your listening room. Then place the FEQ behind and between your two main speakers and turn it on for an immediate and unmistakable improvement in sound. In fact one FEQ will improve an average

listening room all by itself even when no HFTs are present. But the real magic begins when you place an Active FEQ with passive HFTs in the same room. Now all HFTs in your listening room are excited by the ULF pulse generated by the FEQ which acts as an amplifier for the HFTs. Subjective benefits of the FEQ are heard as an expansion of the soundstage, a lowering of the noise floor, and a noticeable improvement in low frequency extension and control.



Hearing is believing: We know that for many our claims will sound too good to be true and you're probably asking yourself, "how can anything as small as an HFT improve my listening room" or "how can a little black box placed between my speakers expand my soundstage or improve low frequencies?" We understand. Quite frankly, anyone who has not heard HFT or FEQ in their listening room would be wise to ask these questions. This is why we offer HFT and FEQ with a no-risk 30-day money back guarantee so everyone who wants to experience an amazing and cost-effective improvement to their systems can do so. Synergistic Research is a 21-year old company with a history of innovation. We pioneered the high end power cord industry with our AC Master Coupler back in 1994, developed the world's first Actively Shielded cables in 1998, developed the world's first Active EM cell in 2008 as found in our PowerCells and later Tranquility Bases. But nothing we have ever developed can prepare you for the benefits of our new HFT and FEQ technologies. These are quite frankly our Lead Designer Ted Denney's crowning achievement so we want everyone to experience HFT and FEQ first hand in their listening rooms with an unconditional money back guarantee.